PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SUCCESSION OF AGENCY (REEL 042453 / FRAME 0001)

CONVEYING PARTY DATA

Name	Execution Date
JPMORGAN CHASE BANK, N.A.	07/01/2020

RECEIVING PARTY DATA

Name:	MUFG UNION BANK, N.A.
Street Address:	350 CALIFORNIA STREET, 17TH FLOOR
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94104

PROPERTY NUMBERS Total: 1262

Property Type	Number
PCT Number:	US2007069396
Patent Number:	7436245
Patent Number:	7441039
Patent Number:	7457335
Patent Number:	7459951
Patent Number:	8362756
Patent Number:	6865626
Patent Number:	7525471
Patent Number:	6906593
Patent Number:	7590130
Patent Number:	6947999
Patent Number:	6952240
Patent Number:	6960942
Patent Number:	7620030
Patent Number:	7646224
Patent Number:	7652604
Patent Number:	7667625
Patent Number:	7012794
Patent Number:	7683696
Patent Number:	7688154

Property Type	Number
Patent Number:	7696912
Patent Number:	7038720
Patent Number:	7710174
Patent Number:	7710209
Patent Number:	7057241
Patent Number:	7760015
Patent Number:	7773357
Patent Number:	7113040
Patent Number:	7816958
Patent Number:	7821431
Patent Number:	7834672
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Patent Number:	7911366
Patent Number:	7915938
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Patent Number:	7315210
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Patent Number:	5801593
Patent Number:	5552732
Patent Number:	5544242
Patent Number:	5708536
Patent Number:	5557481
Patent Number:	5604452
Patent Number:	5570049
Patent Number:	5625281
Patent Number:	5689259
Patent Number:	5648972
Patent Number:	5694031
Patent Number:	5698970
Patent Number:	5703524
Patent Number:	5796361
Patent Number:	5844431
Patent Number:	5880623
Patent Number:	5923206

Property Type	Number
Patent Number:	5852360
Patent Number:	5923203
Patent Number:	5914632
Patent Number:	5959494
Patent Number:	5790393
Patent Number:	5929799
Patent Number:	5880690
Patent Number:	5864257
Patent Number:	5933056
Patent Number:	5870002
Patent Number:	6031389
Patent Number:	5914627
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Patent Number:	6157270
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Patent Number:	6037828
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Patent Number:	6311246
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Patent Number:	6717783
Patent Number:	6798857
Patent Number:	5801587
Patent Number:	6597222
Patent Number:	6573784
Patent Number:	6683473
Patent Number:	6680605
Patent Number:	6744292
Application Number:	14686637
Patent Number:	7019506
Patent Number:	7279995

Property Type	Number
Patent Number:	6841983
Application Number:	13173556
Application Number:	13167586
Patent Number:	7292603
Application Number:	13167584
Patent Number:	7528571
Patent Number:	6891355
Patent Number:	6906502
Application Number:	13167596
Application Number:	13167895
Patent Number:	7095220
Patent Number:	6909266
Patent Number:	6979987
Patent Number:	6864644
Application Number:	13167603
Patent Number:	6912139
Patent Number:	8193795
Patent Number:	6801028
Application Number:	13209129
Patent Number:	6906500
Patent Number:	6917188
Patent Number:	7365661
Patent Number:	7248027
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Patent Number:	6801146
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Patent Number:	6819011
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Patent Number:	6624671

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Patent Number:	6671318
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Patent Number:	7065703
Patent Number:	7072392
Patent Number:	7084929
Patent Number:	7092033
Patent Number:	7098964
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Patent Number:	7519339
Patent Number:	7519348
Patent Number:	7522875
Patent Number:	7525553
Patent Number:	7526264
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Property Type	Number
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Patent Number:	8126051
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Patent Number:	8135073
Patent Number:	8139154
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Patent Number:	8179920
Patent Number:	8181208
Patent Number:	8184663
Patent Number:	8184689
Patent Number:	8184922
Patent Number:	8189105
Patent Number:	8198935
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Patent Number:	8311090
Patent Number:	8311112
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Patent Number:	8319890
Patent Number:	8320451

Property Type	Number
Patent Number:	8320478
Patent Number:	8320566
Patent Number:	8324984
Patent Number:	8325858
Patent Number:	8335392
Patent Number:	8340125
Patent Number:	8340616
Patent Number:	8345734
Patent Number:	8345798
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Patent Number:	8352256
Patent Number:	8352569
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Property Type	Number
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Patent Number:	8446530
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Property Type	Number
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Patent Number:	8611408
Patent Number:	8615061
Patent Number:	8619016
Patent Number:	8621539
Patent Number:	8630507
Patent Number:	8631450
Patent Number:	8634498
Patent Number:	8638808
Patent Number:	8639179
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Patent Number:	8681890
Patent Number:	8683256
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Patent Number:	8797457
Patent Number:	8798135

Property Type	Number
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Property Type	Number
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Patent Number:	9100061
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Patent Number:	9106554
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Property Type	Number
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Patent Number:	9438464
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Property Type	Number
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Patent Number:	8949907
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Patent Number:	8981977
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Patent Number:	9008571
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Patent Number:	9042463
Patent Number:	9042851

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PCT Number:	US2013036379
PCT Number:	US2013050056
Patent Number:	8010070
Patent Number:	5818271

CORRESPONDENCE DATA

Fax Number:	(800)914-4240

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone:	800-713-0755
Email:	Michael.Violet@wolterskluwer.com
Correspondent Name:	CT CORPORATION
Address Line 1:	4400 EASTON COMMONS WAY
Address Line 2:	SUITE 125
Address Line 4:	COLUMBUS, OHIO 43219

NAME OF SUBMITTER:	DORIS KA
SIGNATURE:	/Doris Ka/

DATE SIGNED:	07/01/2020

Total Attachments: 65

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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

JPMorgan Chase Bank, N.A.

Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No

2. Name and address of receiving party(ies)

Name: MUFG Union Bank, N.A.

Internal Address: _____

Street Address: 350 California Street, 17th Floor

City: San Francisco

State: CA

Country: USA   Zip: 94104

Additional name(s) & address(es) attached? ☐ Yes ■ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) July 1, 2020

☐ Assignment   ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

■ Other _____ Succession of Agency
_____ (Reel 042453 / Frame 0001) _____

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

See attached Schedule A

B. Patent No.(s)

See attached Schedule A

Additional numbers attached? ■ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Doris Ka, Senior Paralegal (IP)

Internal Address: Cahill Gordon & Reindel LLP

Street Address: 80 Pine Street

City: New York

State: NY   Zip: 10005

Phone Number: (212) 701-3569

Docket Number: 59100.012 (MaxLinear patents 2017)

Email Address: dka@cahill.com

6. Total number of applications and patents involved: 1263

7. Total fee (37 CFR 1.21(h) & 3.41) $ _____

☐ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Doris Ka
Signature

July 1, 2020
Date

Doris Ka
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: **65**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

NOTICE OF SUCCESSION OF AGENCY
REEL/FRAME 042453/0001

This NOTICE OF SUCCESSION OF AGENCY (this "Notice"), dated as of July 1, 2020 (the "Effective Date"), is executed by JPMorgan Chase Bank, N.A., in its capacity as Collateral Agent under the Credit Agreement (as defined below) (the "Prior Collateral Agent"), and MUFG Union Bank, N.A, in its capacity as Collateral Agent pursuant to the Agency Replacement Agreement (as defined below) (the "Successor Collateral Agent").

WHEREAS, pursuant to that certain Credit Agreement, dated as of May 12, 2017 (as amended, supplemented, amended and restated or otherwise modified prior to the date hereof, the "Credit Agreement"), by and among MaxLinear, Inc. (the "Borrower"), the Prior Collateral Agent and certain other parties thereto, the Prior Collateral Agent and certain grantor parties identified on the signature page thereto (the "Grantors") entered into that certain Security Agreement, dated as of May 12, 2017 (as amended, supplemented, amended and restated or otherwise modified prior to the date hereof, the "Security Agreement"), and the Patent Security Agreement, dated as of May 12, 2017 (the "Patent Security Agreement"), pursuant to which the Grantors granted a security interest in and to certain collateral;

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on May 12, 2017 at Reel/Frame 042453/0001, with respect to the patents identified on Schedule A attached hereto; and

WHEREAS, the Prior Collateral Agent, the Successor Collateral Agent, the Borrowers and certain other parties have entered into that certain Resignation, Consent and Appointment Agreement, dated as of July 1, 2020 (the "Agency Replacement Agreement"), whereby the Prior Collateral Agent resigned as Collateral Agent and is succeeded to and replaced by the Successor Collateral Agent as Collateral Agent.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. Defined Terms. All capitalized terms used, but not otherwise defined herein, shall have the respective meanings ascribed in or otherwise referenced in the Agency Replacement Agreement.

2. Succession and Replacement of Agency. Pursuant to the terms and conditions set forth in the Agency Replacement Agreement, the Prior Collateral Agent has ceased to be Collateral Agent under such capacity and is succeeded to and replaced by the Successor Collateral Agent as Collateral Agent under such capacity. Nothing herein shall be deemed to terminate, interrupt or impair the continuity of the security interest in the collateral originally granted to the Prior Collateral Agent under the Patent Security Agreement, which security interest is now succeeded by and transferred to the Successor Collateral Agent.

[Remainder of Page Intentionally Blank.]

IN WITNESS WHEREOF, the parties have executed this Notice effective as of the Effective Date:

JPMORGAN CHASE BANK, N.A.

By: _____

Name: Timothy Lee

Title: Executive Director

MUFG UNION BANK, N.A.
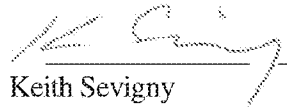
By: _____

Name:

Title:

IN WITNESS WHEREOF, the parties have executed this Notice effective as of the Effective Date:

JPMORGAN CHASE BANK, N.A.

By: _____
Name:
Title:

MUFG UNION BANK, N.A.

By: _____
Name: Keith Sevigny
Title: Vice President

Schedule A

Registrations:

OWNER	REGISTRATION NUMBER	DESCRIPTION
EXAR CORPORATION	PCT/US07/069396	SMART TALK BACKLIGHTING SYSTEM AND
EXAR CORPORATION	7436245	VARIABLE SUB-BANDGAP REFERENCE VOLT
EXAR CORPORATION	7441039	METHOD AND APPARATUS FOR ADAPTING M
EXAR CORPORATION	7457335	FAST LOOP LASER DIODE DRIVER
EXAR CORPORATION	7459951	SELF-CALIBRATING DIGITAL PULSE-WIDT
EXAR CORPORATION	8362756	DIGITAL BOOST FEEDBACK VOLTAGE CONT
EXAR CORPORATION	6865626	UART AUTOMATIC HALF-DUPLEX DIRECTIO
EXAR CORPORATION	7525471	WIDE-INPUT WINDOWED NONLINEAR ANALO
EXAR CORPORATION	6906593	FREQUENCY COMPENSATION OF WIDE-BAND
EXAR CORPORATION	7590130	COMMUNICATIONS SYSTEM WITH FIRST AN
EXAR CORPORATION	6947999	UART WITH COMPRESSED USER ACCESSIBL
EXAR CORPORATION	6952240	IMAGE SAMPLING CIRCUIT WITH A BLACK
EXAR CORPORATION	6960942	HIGH SPEED PHASE SELECTOR
EXAR CORPORATION	7620030	METHOD AND APPARATUS FOR TERMINATIN
EXAR CORPORATION	7646224	MEANS TO DETECT A MISSING PULSE AND
EXAR CORPORATION	7652604	PROGRAMMABLE ANALOG-TO-DIGITAL CONV
EXAR CORPORATION	7667625	UNIVERSAL AND FAULT-TOLERANT MULTIP
EXAR CORPORATION	7012794	CMOS ANALOG SWITCH WITH AUTO OVER-V
EXAR CORPORATION	7683696	OPEN-DRAIN OUTPUT BUFFER FOR SINGLE
EXAR CORPORATION	7688154	AMPLITUDE REGULATED CRYSTAL OSCILLA
EXAR CORPORATION	7696912	INTERRUPT BASED MULTIPLEXED CURRENT
EXAR CORPORATION	7038720	PIXEL-BY-PIXEL DIGITAL CONTROL OF G
EXAR CORPORATION	7710174	DIGITAL PULSE-WIDTH MODULATOR BASED
EXAR CORPORATION	7710209	DIGITAL PULSE FREQUENCY/PULSE AMPLI
EXAR CORPORATION	7057241	REVERSE-BIASED P/N WELLS ISOLATING
EXAR CORPORATION	7760015	COMBINATION OFFSET VOLTAGE AND BIAS
EXAR CORPORATION	7773357	AUTO-DETECTING CMOS INPUT CIRCIT FO
EXAR CORPORATION	7113040	DIFFERENTIAL AMPLIFIER
EXAR CORPORATION	7816958	MEANS TO REDUCE THE PLL PHASE BUMP
EXAR CORPORATION	7821431	UNIVERSAL AND FAULT-TOLERANT MULTIP
EXAR CORPORATION	7834672	LOW POWER CHARGE PUMP
EXAR CORPORATION	7902874	COMBINED FULL SPEED AND HIGH SPEED
EXAR CORPORATION	7911366	GRAY CODE CURRENT MODE ANALOG-TO-DI
EXAR CORPORATION	7915938	MULTI-CHANNEL DIGITAL PULSE WIDTH M

OWNER	REGISTRATION NUMBER	DESCRIPTION
EXAR CORPORATION	7199616	METHOD AND APPARATUS TO GENERATE BR
EXAR CORPORATION	9020087	ALL DIGITAL BURST-MODE CLOCK AND DA
EXAR CORPORATION	7969697	LOW-VOLTAGE CMOS SPACE-EFFICIENT 15
EXAR CORPORATION	7242235	DUAL DATA RATE FLIP-FLOP
EXAR CORPORATION	7315210	DIFFERENTIAL OPERATIONAL AMPLIFIER
EXAR CORPORATION	7330056	LOW POWER CMOS LVDS DRIVER
EXAR CORPORATION	7411426	PHASE DETECTOR FOR RZ
EXAR CORPORATION	5801593	VOLTAGE-CONTROLLED OSCILLATOR CAPABLE OF OPERATING AT LOWER POWER SUPPLY VOLTAGES
EXAR CORPORATION	5552732	HIGH SPEED DIVIDE BY 1.5 CLOCK GENERATOR
EXAR CORPORATION	5544242	SPEAKERPHONE WITH EVENT DRIVEN CONTROL CIRCUIT
EXAR CORPORATION	5708536	RLL TO NRZ DECORDER CIRCUIT IN DISK DRIVE READ/WRITE CHANNEL
EXAR CORPORATION	5557481	NRZ TO RLL ENCODER CIRCUIT IN DISK DRIVE READ/WRITE CHANNEL
EXAR CORPORATION	5604452	CLOCK GENERATOR USING A STATE MACHINE TO SWITCH BETWEEN TWO OFFSET CLOCKS
EXAR CORPORATION	5570049	TRANSCONDUCTOR ELEMENT FOR HIGH SPEED GM-C INTEGRATED FILTERS
EXAR CORPORATION	5625281	LOW-VOLTAGE MULTI-OUTPUT CURRENT MIRROR CIRCUIT WITH IMPROVED POWER SUPPLY REJECTION MIRRORS AND METHOD THEREFOR
EXAR CORPORATION	5689259	DIFFERENTIAL D/A CONVERTER WITH N-BITS PLUS SIGN
EXAR CORPORATION	5648972	V.35 INTEGRATED CIRCUIT TRANSCEIVER WITH DIAGNOSTICS LOOPBACK
EXAR CORPORATION	5694031	VOLTAGE REGULATOR WITH DIFFERENTIAL CURRENT STEERING STAGE
EXAR CORPORATION	581827	POWER-UP/INTERRUPT DELAY TIMER
EXAR CORPORATION	5698970	SWITCHING SHUNT REGULATOR
EXAR CORPORATION	5703524	PIECE-WISE LINEAR APPROXIMATION OF A DB LINEAR PROGRAMMABLE GAIN AMPLIFIER
EXAR CORPORATION	5796361	CCD SIGNAL DIGITIZING INTEGRATED CIRCUIT
EXAR CORPORATION	5844431	LOW NOISE LOW POWER CMOS CORRELATED DOUBLE SAMPLER
EXAR CORPORATION	5880623	POWER SUPPLY CONTROL TECHNIQUES FOR
EXAR CORPORATION	5923206	CHARGE INJECTION CANCELLATION TECHN
EXAR CORPORATION	5852360	PROGRAMMABLE LOW DRIFT REFERENCE VOLTAGE GENERATOR
EXAR CORPORATION	5923203	CMOS SOFT CLIPPER
EXAR CORPORATION	5914632	NEGATIVE CHARGE PUMP CIRCUIT
EXAR CORPORATION	5959494	HIGH-VOLTAGE SWITCH CONTROL
EXAR CORPORATION	5790393	VOLTAGE MULTIPLIER WITH ADJUSTABLE OUTPUT LEVEL
EXAR CORPORATION	5929799	OUT-OF-RANGE FOR PIPELINE ADC

OWNER	REGISTRATION NUMBER	DESCRIPTION
EXAR CORPORATION	5880690	PIPELINE ADC COMMON-MODE TRACKING C
EXAR CORPORATION	5864257	REPLICA BIAS CIRCUIT TO OPTIMIZE SW
EXAR CORPORATION	5933056	SINGLE POLE CURRENT MODE COMMON-MOD
EXAR CORPORATION	5870002	PHASE-FREQUENCY LOCK DETECTOR
EXAR CORPORATION	6031389	SLEW RATE LIMITED OUPTUT DRIVER
EXAR CORPORATION	5914627	ISOLATION CIRCUIT FOR I/O TERMINAL
EXAR CORPORATION	5949787	MULTI-FUNCTION FIFO COUNTER STATUS
EXAR CORPORATION	5805005	VOLTAGE LEVEL CONVERTER WITH INDEPENDENTLY ADJUSTABLE RISE AND FALL DELAYS
EXAR CORPORATION	6127956	POST-CONVERSION SYSTEM FOR AN ANALO
EXAR CORPORATION	6111433	DIFFERENTIAL OUTPUT DRIVER WITH MON
EXAR CORPORATION	5910739	POWER-UP/INTERRUPT DELAY TIMER
EXAR CORPORATION	6157270	PROGRAMMABLE HIGHLY TEMPERATURE AND
EXAR CORPORATION	6121837	CONSTANT GAIN AMPLIFIER
EXAR CORPORATION	6037828	TRANSMISSION LINE DRIVER WITH HIGH
EXAR CORPORATION	6424510	ESD STRUCTURE IC WITH OVER-VOLTAGE
EXAR CORPORATION	6313671	LOW-POWER INTEGRATED CIRCUIT I/O BU
EXAR CORPORATION	6313672	OVER-VOLTAGE TOLERANT INTEGRATED CI
EXAR CORPORATION	6311246	IC WITH DUAL FUNCTION CLOCK AND DEV
EXAR CORPORATION	6452425	AUTOMATIC FREQUENCY RATE SWITCH
EXAR CORPORATION	6754839	UART CLOCK WAKE-UP SEQUENCE
EXAR CORPORATION	6501320	SELF-POWERED, MAXIMUM-CONDUCTIVE, L
EXAR CORPORATION	6717783	SHORT CIRCUIT POWER LIMITER
EXAR CORPORATION	6798857	CLOCK RECOVERY CIRCUIT
EXAR CORPORATION	5801587	VARIABLE GAIN PEAK DETECTOR
EXAR CORPORATION	6597222	POWER DOWN CIRCUIT FOR HIGH OUTPUT
EXAR CORPORATION	6573784	LOW POWER WIDE BANDWIDTH PROGRAMMAB
EXAR CORPORATION	6683473	INPUT TERMINATION WITH HIGH IMPEDEN
EXAR CORPORATION	6680605	SINGLE-SEED WIDE-SWING CURRENT MIRR
EXAR CORPORATION	6744292	LOOP FILTER CAPACITOR MULTIPLICATIO
EXAR CORPORATION	14/686637 (Abandoned)	ALL DIGITAL BURST-MODE CLOCK AND
EXAR CORPORATION	7019506	CHARGE-BASED SWITCHING POWER
EXAR CORPORATION	7279995	CIRCUIT FOR CONTROLLING THE TIME
EXAR CORPORATION	6841983	DIGITAL SIGNAL TO PULSE CONVERTER
EXAR CORPORATION	13/173556 (Abandoned)	EFFICIENT METHOD TO EXTRACT A LOWER
EXAR CORPORATION	13/167586 (Abandoned)	ETHERNET TAG APPROACH TO SUPPORT
EXAR CORPORATION	7292603	MEMORY EFFICIENT CONVERSION BETWEEN

OWNER	REGISTRATION NUMBER	DESCRIPTION
EXAR CORPORATION	13/167584 (Abandoned)	METHOD FOR AGGREGATING MULTIPLE
EXAR CORPORATION	7528571	METHOD FOR CHARGING A BATTERY WITH
EXAR CORPORATION	6891355	METHOD FOR COMPUTING AN AMOUNT OF
EXAR CORPORATION	6906502	METHOD FOR REGULATING AN OUTPUT
EXAR CORPORATION	13/167596 (Abandoned)	METHOD FOR REMOTE DEVICE
EXAR CORPORATION	13/167895 (Abandoned)	METHOD FOR TRANSPORT AND RECOVERY
EXAR CORPORATION	7095220	METHOD OF CONTROLLING AN OPERATION
EXAR CORPORATION	6909266	METHOD OF REGULATING AN OUTPUT
EXAR CORPORATION	6979987	METHOD OF REGULATING AN OUTPUT
EXAR CORPORATION	6864644	METHOD OF TUNING A CIRCUIT FOR
EXAR CORPORATION	13/167603 (Abandoned)	METHOD TO SOLVE POTENTIAL YEILD
EXAR CORPORATION	6912139	MULTI-CHANNEL CONTROL METHODS FOR
EXAR CORPORATION	8193795	OUTPUT CURRENT AND INPUT POWER
EXAR CORPORATION	6801028	PHASE LOCKED LOOPED BASED DIGITAL
EXAR CORPORATION	13/209129 (Abandoned)	POOLED-RESOURCE ARCHITECTURE WITH
EXAR CORPORATION	6906500	POWER CONVERTER CIRCUITRY AND
EXAR CORPORATION	6917188	POWER CONVERTER CIRCUITRY AND
EXAR CORPORATION	7365661	POWER CONVERTER CIRCUITRY AND
EXAR CORPORATION	7248027	POWER CONVERTERS IN WHICH THE INPUT
EXAR CORPORATION	7353122	POWER CONVERTERS WITH LIMITED
EXAR CORPORATION	7405689	PREDICTIVE ANALOG TO DIGITAL
EXAR CORPORATION	6885568	RIPPLE FREE MEASUREMENT AND CONTROL
EXAR CORPORATION	6801146	SAMPLE AND HOLD CIRCUIT INCLUDING A
EXAR CORPORATION	7157889	SAMPLE AND HOLD SYSTEM FOR
EXAR CORPORATION	6819011	SWITCHING POWER CONVERTER
EXAR CORPORATION	6825644	SWITCHING POWER CONVERTER
EXAR CORPORATION	7092265	SWITCHING POWER CONVERTER
EXAR CORPORATION	7221130	SWITCHING POWER CONVERTER EMPLOYING
EXAR CORPORATION	7002328	SWITCHING POWER CONVERTER METHOD
EXAR CORPORATION	6911809	SWITCHING POWER SUPPLY CONTROLLER
EXAR CORPORATION	6965220	SYSTEM FOR CONTROLLING A PLURALITY
EXAR CORPORATION	6920604	SYSTEMS AND METHODS FOR HIGH SPEED
EXAR CORPORATION	6121805	UNIVERSAL DUTY CYCLE ADJUSTMENT CIR
EXAR CORPORATION	6624671	WIDE-BAND REPLICA OUTPUT CURRENT SE
EXAR CORPORATION	6961015	TOUCH SCREEN DISPLAY CIRCUIT AND

OWNER	REGISTRATION NUMBER	DESCRIPTION
EXAR CORPORATION	6700431	I/O PAD OVERVOLTAGE PROTECTION CIRCUITRY
EXAR CORPORATION	8081041	GLUE-LOGIC BASED METHOD AND SYSTEM FOR MINIMIZING LOSSES IN OVERSAMPLED DIGITALLY CONTROLLED DC-DC CONVERTERS
EXAR CORPORATION	8085024	SELF-TUNING DIGITAL CURRENT ESTIMATOR FOR LOW-POWER SWITCHING CONVERTERS
EXAR CORPORATION	8115459	ESR ZERO ESTIMATION AND AUTO-COMPENSATION IN DIGITALLY CONTROLLED BUCK CONVERTERS
EXAR CORPORATION	8125287	EXTENDABLE N-CHANNEL DIGITAL PULSE-WIDTH/PULSE-FREQUENCY MODULATOR
EXAR CORPORATION	8205065	SYSTEM AND METHOD FOR DATA DEDUPLICATION
EXAR CORPORATION	8209654	METHODOLOGY FOR STORING AND UPDATING ON-CHIP REVISION LEVEL
EXAR CORPORATION	8274264	DIGITAL CONTROL METHOD FOR IMPROVING HEAVY-TO-LIGHT (STEP DOWN) LOAD TRANSIENT RESPONSE OF SWITCH MODE POWER SUPPLIES
EXAR CORPORATION	8476882	REFERENCE VOLTAGE BASED EQUIVALENT SERIES RESISTANCE (ESR) EMULATION FOR CONSTANT ON-TIME (COT) CONTROL OF BUCK REGULATORS
EXAR CORPORATION	8525502	DIGITAL PULSE-FREQUENCY MODULATION CONTROLLER FOR SWITCH-MODE POWER SUPPLIES WITH FREQUENCY TARGETING AND ULTRASONIC MODES
EXAR CORPORATION	8536842	SENSORLESS SELF-TUNING DIGITAL CURRENT PROGRAMMED MODE (CPM) CONTROLLER WITH MULTIPLE PARAMETER ESTIMATION AND THERMAL STRESS EQUALIZATION
EXAR CORPORATION	8810981	SEQUENTIAL ELECTROSTATIC DISCHARGE (ESD)-PROTECTION EMPLOYING CASCODE NMOS TRIGGERED STRUCTURE
EXAR CORPORATION	8867682	DEJITTER (DESYNCHRONIZE) TECHNIQUE TO SMOOTH GAPPED CLOCK WITH JITTER/WANDER ATTENUATION USING ALL DIGITAL LOGIC
EXAR CORPORATION	8868674	Streaming and Bulk Data Transfer Transformation With Context Switching
EXAR CORPORATION	8098090	Open-Drain Output Buffer For Single-Voltage-Supply CMOS
EXAR CORPORATION	7908473	System for Storing Encrypted Data by Sub-Address
EXAR CORPORATION	7904850	System and Method for Converting Software to a Register Transfer (RTL) Design
EXAR CORPORATION	7382191	Multiplier-Transimpedance Amplifier Combination with Input Common Mode Feedback
EXAR CORPORATION	6724598	Solid State Switch With Temperature Compensated Current Limit
EXAR CORPORATION	6577110	DC-to-DC Converter with Constant Ripple Current Regulation for Continuous and Discontinuous Conduction Mode Operation
EXAR CORPORATION	6570748	Method and Apparatus for Indicating an Over-Current Condition
EXAR CORPORATION	6566905	Method and Apparatus for a Multi-State Single Program Pin
EXAR CORPORATION	6512353	SYNCHRONIZED, RIPPLE INDEPENDENT WINDOW COMPARATOR FOR SWITCH-MODE POWER CONVERTERS
EXAR CORPORATION	6504349	A PLUSE WIDTH MODULATED VOLTAGE REGULATION CIRCUIT AND RELATED METHODS

OWNER	REGISTRATION NUMBER	DESCRIPTION
EXAR CORPORATION	6378026	CONNECTION DETECTION CIRCUIT AND METHOD
EXAR CORPORATION	6160390	Method and apparatus for error current compensation
EXAR CORPORATION	6147517	VOLTAGE COMPARATOR CIRCUIT
EXAR CORPORATION	5973486	DIFFERENTIAL POWER SENSOR CIRCUIT
Entropic Communications, LLC	5805029	DIGITALLY CONTROLLED QUARTZ OSCILLATOR AND MONOLITHIC INTEGRATED OSCILLATOR CIRCUIT
Entropic Communications, LLC	5936660	DIGITAL VIDEO CONVERTER BOX FOR SUBSCRIBER/HOME WITH MULTIPLE TELEVISION SETS
Entropic Communications, LLC	5986691	CABLE MODEM OPTIMIZED FOR HIGH-SPEED DATA TRANSMISSION FROM THE HOME TO THE CABLE HEAD
Entropic Communications, LLC	6008693	FM-SOUND DEMODULATOR FOR TV SOUND SIGNALS AND METHOD OF DETECTING SOUND CARRIERS
Entropic Communications, LLC	6020882	TELEVISION ACCESS CONTROL SYSTEM
Entropic Communications, LLC	6122381	STEREOPHONIC SOUND SYSTEM
Entropic Communications, LLC	6133949	MEASURING CIRCUIT
Entropic Communications, LLC	6141646	DIGITAL SOUND PROCESSOR FOR PROCESSING MULTIPLE STANDARD SOUND SIGNALS AND CAPABLE OF GENERATING ADDITIONAL AUDIO SIGN
Entropic Communications, LLC	6166526	DC-DC CONVERTER
Entropic Communications, LLC	6208173	PEAK DETECTOR
Entropic Communications, LLC	6208350	METHOD AND APPARATUS FOR PROCESSING DVD VIDEO
Entropic Communications, LLC	6211629	CUT-OFF LEVEL SETTING
Entropic Communications, LLC	6218791	DEFLECTION CORRECTION
Entropic Communications, LLC	6262774	METHOD AND CIRCUIT CONFIGURATION FOR PRODUCING A SEQUENCE OF PROGRESSIVE IMAGES
Entropic Communications, LLC	6281813	METHOD AND CIRCUIT FOR DECODING AN ANALOG AUDIO SIGNAL USING THE BTSC STANDARD
Entropic Communications, LLC	6348819	DRIVING CIRCUIT FOR A SEMICONDUCTOR SWITCHING ELEMENT
Entropic Communications, LLC	6396545	METHOD FOR DIGITAL SYNCHRONIZATION OF VIDEO SIGNALS
Entropic Communications, LLC	6407727	DISPLAY DEVICE
Entropic Communications, LLC	6411338	PRODUCING A SERIES OF IMAGES FOR DISPLAY ON A DISPLAY DEVICE
Entropic Communications, LLC	6414724	TELETEXT WITH TRANSPARENT FUNCTION
Entropic Communications, LLC	6421090	MOTION AND EDGE ADAPTIVE DEINTERLACING
Entropic Communications, LLC	6434146	USE OF SEQUENCING INFORMATION IN A LOCAL HEADER THAT ALLOWS PROPER SYNCHRONIZATION OF PACKETS TO SUBSIDIARY INTERFACES

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	6434170	MEMORY-BASED CIRCULAR QUEUE WITH LOCAL DESCRIPTIVE INFORMATION TO IMPLEMENT A STORAGE AREA FOR FILTERING MPEG-2 PACKET
Entropic Communications, LLC	6456679	PHASE-COUPLED CLOCK SIGNAL GENERATOR AND CHARACTER GENERATOR COMPRISING SUCH A PHASE-COUPLED CLOCK SIGNAL GENERATOR
Entropic Communications, LLC	6489958	METHOD AND DEVICE FOR GRAPHIC REPRESENTATION OF AN OBJECT DEFINED BY A PLURALITY OF TRIANGLES ON A DISPLAY SURFACE
Entropic Communications, LLC	6492913	METHOD AND CIRCUIT FOR DECODING AN ANALOG AUDIO SIGNAL USING THE BTSC STANDARD
Entropic Communications, LLC	6498609	CHROMINANCE SIGNAL INTERPOLATION
Entropic Communications, LLC	6501809	PRODUCING SMOOTHED CLOCK AND DATA SIGNALS FROM GAPPED CLOCK AND DATA SIGNALS
Entropic Communications, LLC	6522115	PULSE-WIDTH-MODULATED DC-DC CONVERTER WITH A RAMP GENERATOR
Entropic Communications, LLC	6538658	METHOD AND APPARATUS FOR PROCESSING DVD VIDEO
Entropic Communications, LLC	6552738	USER INTERFACE FOR CONTROL OF A DISPLAY DEVICE
Entropic Communications, LLC	6606724	ITERATIVE DECODER EMPLOYING MULTIPLE EXTERNAL CODE ERROR CHECKS TO LOWER THE ERROR FLOOR
Entropic Communications, LLC	6646688	HIGH QUALITY VIDEO AND GRAPHICS PIPELINE
Entropic Communications, LLC	6665018	ARRANGEMENT FOR RETRIEVING DATA BITS OF A DATA SIGNAL
Entropic Communications, LLC	6665752	CABLE MODEM HAVING A PROGRAMMABLE MEDIA ACCESS CONTROLLER
Entropic Communications, LLC	6671318	DETERMINING THE DEGREE OF RESEMBLANCE BETWEEN A DATA SAMPLE AND INTERPOLATIONS OF OTHER DATA SAMPLES
Entropic Communications, LLC	6675283	HIERARCHICAL CONNECTION OF PLURALITY OF FUNCTIONAL UNITS WITH FASTER NEIGHBOR FIRST LEVEL AND SLOWER DISTANT SECOND LEVEL CONNECTIONS
Entropic Communications, LLC	6707854	METHOD OF GLOBAL MOTION ESTIMATION
Entropic Communications, LLC	6714257	COLOR KEY PRESERVATION DURING SAMPLE RATE CONVERSION
Entropic Communications, LLC	6724817	ADAPTIVE IMAGE DATA COMPRESSION
Entropic Communications, LLC	6724829	AUTOMATIC POWER CONTROL IN A DATA TRANSMISSION SYSTEM
Entropic Communications, LLC	6727959	SYSTEM OF AND METHOD FOR GAMMA CORRECTION OF REAL-TIME VIDEO
Entropic Communications, LLC	6738840	ARRANGEMENT WITH A PLURALITY OF PROCESSORS HAVING AN INTERFACE FOR A COLLECTIVE MEMORY
Entropic Communications, LLC	6754281	PROGRAMMABLE OFDM DIGITAL DEMODULATOR
Entropic Communications, LLC	6762643	HIGH DUTY CYCLE OFFSET COMPENSATION FOR OPERATIONAL AMPLIFIERS

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	6769093	SYNCHRONIZATION OF A COMMUNICATIONS SYSTEM
Entropic Communications, LLC	6774883	ELECTRO-OPTICAL DISPLAY DEVICE WITH TEMPERATURE DETECTION AND VOLTAGE CORRECTION
Entropic Communications, LLC	6774918	VIDEO OVERLAY PROCESSOR WITH REDUCED MEMORY AND BUS PERFORMANCE REQUIREMENTS
Entropic Communications, LLC	6785700	IMPLEMENTATION OF WAVELET FUNCTIONS IN HARDWARE
Entropic Communications, LLC	6792115	DEVICE FOR CREATING HARMONICS IN AN AUDIO SIGNAL
Entropic Communications, LLC	6795512	SYMBOL RELIABILITY DETERMINATION AND SYMBOL PRE-SELECTION BASED ON RELIABILITY CRITERIA
Entropic Communications, LLC	6801591	CLOCK RECOVERY
Entropic Communications, LLC	6803897	DISPLAY DEVICE WITH FREELY PROGRAMMABLE MULTIPLEX RATE
Entropic Communications, LLC	6810502	ITERATIVE DECODER EMPLOYING MULTIPLE EXTERNAL CODE ERROR CHECKS TO LOWER THE ERROR FLOOR
Entropic Communications, LLC	6816940	CABLE MODEM HAVING A PROGRAMMABLE MEDIA ACCESS CONTROLLER
Entropic Communications, LLC	6842124	VARIABLE LENGTH DECODER
Entropic Communications, LLC	6847406	HIGH QUALITY, COST-EFFECTIVE FILM-TO-VIDEO CONVERTER FOR HIGH DEFINITION TELEVISION
Entropic Communications, LLC	6856649	INITIALIZATION SCHEME FOR A HYBRID FREQUENCY-TIME DOMAIN EQUALIZER
Entropic Communications, LLC	6856656	ITERATIVE CARRIER PHASE TRACKING DECODING SYSTEM
Entropic Communications, LLC	6865635	ACCESS SCHEME FOR A COLLECTIVE RESOURCE USING A PLURALITY OF STATES
Entropic Communications, LLC	6865711	SYSTEM OF AND METHOD FOR DECODING TRELLIS CODES
Entropic Communications, LLC	6882332	DISPLAY DEVICE WITH ADAPTIVE SELECTION OF THE NUMBER OF SIMULTANEOUSLY DISPLAYED ROWS
Entropic Communications, LLC	6882690	SOFT TRELLIS SLICER FOR IMPROVING THE PERFORMANCE OF A DECISION-DIRECTED PHASE TRACKER
Entropic Communications, LLC	6909466	CIRCUIT FOR FRAME RATE CONVERSION USING A MOTION-ADAPTIVE METHOD
Entropic Communications, LLC	6917387	ARRANGEMENT FOR TIME-CORRECT COMBINATION OF TWO DATA STREAMS
Entropic Communications, LLC	6922438	SYSTEM FOR MPSK SYMBOL HYPOTHESIS TESTING
Entropic Communications, LLC	6938063	PROGRAMMABLE FILTER ARCHITECTURE
Entropic Communications, LLC	6940523	ON THE FLY DATA TRANSFER BETWEEN RGB AND YCRCB COLOR SPACES FOR DCT INTERFACE
Entropic Communications, LLC	6940557	ADAPTIVE INTERLACE-TO-PROGRESSIVE SCAN CONVERSION ALGORITHM
Entropic Communications, LLC	6954093	CLOCKING SCHEME AND CLOCK SYSTEM FOR A MONOLITHIC INTEGRATED CIRCUIT
Entropic Communications, LLC	6973615	SYSTEM OF AND METHOD FOR DECODING TRELLIS CODES

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	6975359	METHOD AND SYSTEM FOR MOTION AND EDGE-ADAPTIVE SIGNAL FRAME RATE UP-CONVERSION
Entropic Communications, LLC	6980059	DATA-DIRECTED FREQUENCY-AND-PHASE LOCK LOOP FORDECODING AN OFFSET-QAM MODULATED SIGNAL HAVING A PILOT
Entropic Communications, LLC	6993071	LOW-COST HIGH-SPEED MULTIPLIER/ACCUMULATOR UNIT FOR DECISION FEEDBACK EQUALIZERS
Entropic Communications, LLC	6995617	DATA-DIRECTED FREQUENCY-AND-PHASE LOCK LOOP FORDECODING AN OFFSET-QAM MODULATED SIGNAL HAVING A PILOT
Entropic Communications, LLC	6996175	MOTION VECTOR ESTIMATION
Entropic Communications, LLC	6996177	MOTION ESTIMATION
Entropic Communications, LLC	6999514	MOTION COMPENSATION WITH SUBBLOCK SCANNING
Entropic Communications, LLC	7006150	INTERFACE MODULE FOR TV SETS
Entropic Communications, LLC	7009451	IMAGE DISPLAY APPARATUS AND HIGH VOLTAGE DRIVER CIRCUIT
Entropic Communications, LLC	7010039	MOTION ESTIMATOR FOR REDUCED HALOS IN MOTION COMPENSATED PICTURE RATE UP-CONVERSION
Entropic Communications, LLC	7010042	IMAGE PROCESSOR AND IMAGE DISPLAY APPARATUS PROVIDED WITH SUCH IMAGE PROCESSOR
Entropic Communications, LLC	7010802	PROGRAMMABLE PATTERN MATCH ENGINE
Entropic Communications, LLC	7039113	SELECTIVE DECODING OF ENHANCED VIDEO STREAM
Entropic Communications, LLC	7050114	PICTURE SIGNAL CONTRAST CONTROL
Entropic Communications, LLC	7064501	SAWTOOTH LINE CIRCUIT FOR A CATHODE RAY TUBE
Entropic Communications, LLC	7064793	METHOD AND APPARATUS FOR MEASURING THE NOISE CONTAINED IN A PICTURE
Entropic Communications, LLC	7065028	METHOD AND DEVICE FOR GENERATING A CLOCK SIGNAL THAT IS COUPLED TO A REFERENCE SIGNAL
Entropic Communications, LLC	7065703	SYNCHRONIZATION OF A COMMUNICATIONS SYSTEM
Entropic Communications, LLC	7072392	EQUALIZER FOR TIME DOMAIN SIGNAL PROCESSING
Entropic Communications, LLC	7084929	VIDEO DATA FILTERING ARRANGEMENT AND METHOD
Entropic Communications, LLC	7092033	A GRADIENT BASED METHOD FOR THE INTERPOLATION OF PICTURE ELEMENTS
Entropic Communications, LLC	7098964	APPARATUS AND METHOD FOR SLOPE-ENHANCEMENT OF SIGNAL TRANSITIONS IN TELEVISION PICTURES
Entropic Communications, LLC	7103831	BURST RELIABILITY AND ERROR LOCATOR FOR TRELLIS CODES
Entropic Communications, LLC	7106810	METHOD AND APPARATUS FOR A DEMODULATOR CIRCUIT
Entropic Communications, LLC	7113021	VOLTAGE DOUBLER CIRCUIT

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	7116712	APPARATUS AND METHOD FOR PARALLEL MULTIMEDIA PROCESSING
Entropic Communications, LLC	7130344	ADAPTIVE EQUALIZER HAVING A VARIABLE STEP SIZE INFLUENCED BY OUTPUT FROM A TRELLIS DECODER
Entropic Communications, LLC	7130576	SIGNAL SELECTOR AND COMBINER FOR BROADBAND CONTENT DISTRIBUTION
Entropic Communications, LLC	7133478	DEVICE AND METHOD FOR DETECTING AND SUPPRESSING NOISE
Entropic Communications, LLC	7142249	INTERPOLATING A PIXEL FROM AN INTERMEDIATE LINE OF A FIELD
Entropic Communications, LLC	7145604	METHOD AND DEVICE FOR DETERMINING THE SPACING BETWEEN A FIRST AND A SECOND SIGNAL SEQUENCE
Entropic Communications, LLC	7151575	WIRELESS EXTENSION TO COAXIAL TELEVISION SIGNAL
Entropic Communications, LLC	7154957	BROADBAND LOCAL AREA NETWORK USING COAXIAL CABLE
Entropic Communications, LLC	7162038	AUDIO SOURCE SELECTION CIRCUIT
Entropic Communications, LLC	7190744	ERROR GENERATION FOR ADAPTIVE EQUALIZER
Entropic Communications, LLC	7206361	METHOD AND APPARATUS FOR A MULTICARRIER RECEIVER CIRCUIT WITH GUARD INTERVAL SIZE DETECTION
Entropic Communications, LLC	7221372	METHOD OF ANALYZING AND MODIFYING A FOOTPRINT
Entropic Communications, LLC	7221726	ARRANGEMENT FOR GENERATING A DECODER CLOCK SIGNAL
Entropic Communications, LLC	7222336	A METHOD OF COMPILING BYTECODE TO NATIVE CODE
Entropic Communications, LLC	7224235	PHASE-ACCURATE MULTI-PHASE WIDE-BAND RADIO FREQUENCY LOCAL OSCILLATOR GENERATOR
Entropic Communications, LLC	7231005	SYMBOL RELIABILITY DETERMINATION AND SYMBOL PRE-SELECTION BASED ON RELIABILITY CRITERIA
Entropic Communications, LLC	7233271	NOISE SHAPER CIRCUIT AND METHOD FOR REDUCING SWITCHING NOISE
Entropic Communications, LLC	7236757	HIGH-SPEED MULTI-CHANNEL COMMUNICATIONS TRANSCEIVER WITH INTER-CHANNEL INTERFERENCE FILTER
Entropic Communications, LLC	7245242	DECODING SYSTEMS AND METHODS
Entropic Communications, LLC	7248890	CHANNEL POWER BALANCING IN A MULTI-CHANNEL TRANSCEIVER SYSTEM
Entropic Communications, LLC	7249244	DATA PROCESSING SYSTEM
Entropic Communications, LLC	7251703	METHOD OF TIME STAMPING TO ENABLE DEVICE BRIDGING OVER DISSIMILAR BUSES
Entropic Communications, LLC	7257499	METHOD AND DEVICE FOR DETERMINING A FREQUENCY FOR SAMPLING AN ANALOG SIGNAL
Entropic Communications, LLC	7257505	SYSTEM FOR CALIBRATING INTEGRATED CIRCUIT FILTERS
Entropic Communications, LLC	7262807	SIGNAL PROCESSING DEVICE FOR PROVIDING MULTIPLE OUTPUT IMAGES IN ONE PASS

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	7271640	INTEGRATED CROSSPOINT SWITCH WITH BAND TRANSLATION
Entropic Communications, LLC	7272203	DATA-DIRECTED FREQUENCY-AND-PHASE LOCK LOOP FORDECODING AN OFFSET-QAM MODULATED SIGNAL HAVING A PILOT
Entropic Communications, LLC	7274402	METHOD AND APPARATUS FOR MOTION-VECTOR-AIDED PIXEL INTERPOLATION
Entropic Communications, LLC	7277964	DATA ROUTING AND PROCESSING DEVICE FOR FLEXIBLY PERFORMING DIFFERENT FUNCTIONALITIES USING MULTIPLE DISTINCT PROCESSORS
Entropic Communications, LLC	7295518	BROADBAND LOCAL AREA NETWORK USING COAXIAL CABLE
Entropic Communications, LLC	7295623	HIGH-SPEED COMMUNICATIONS TRANSCEIVER
Entropic Communications, LLC	7301379	SYSTEMS AND METHOD FOR A DELAY LOCKED LOOP WITH FALSE-LOCK DETECTION
Entropic Communications, LLC	7301570	IMAGE CORRECTION BY COMBINING RESULTS OF MULTIPLE LINEAR FILTERS, WHERE EXTREME LINEAR FILTER VALUES ARE ELIMINATED
Entropic Communications, LLC	7310369	SNR-RELATED PARAMETER ESTIMATION METHOD AND SYSTEM
Entropic Communications, LLC	7310768	ITERATIVE DECODER EMPLOYING MULTIPLE EXTERNAL CODE ERROR CHECKS TO LOWER THE ERROR FLOOR
Entropic Communications, LLC	7315331	METHOD AND DEVICE FOR CONVERTING VIDEO SIGNALS
Entropic Communications, LLC	7315622	ROBUST METHOD FOR ACHIEVING AUDIO/VIDEO SYNCHRONIZATION IN MPEG DECODERS IN PERSONAL VIDEO RECORDING APPLICATIONS
Entropic Communications, LLC	7317758	PCM-TO-PWM CONVERTER
Entropic Communications, LLC	7321642	TRANSPOSED STRUCTURE FOR A DECISION FEEDBACK EQUALIZERCOMBINED WITH A TRELLIS DECODER
Entropic Communications, LLC	7330141	COMPENSATION CIRCUIT AND COMPENSATION METHOD TO COMPENSATE NONLINEAR DISTORTIONS OF AN A/D CONVERTER
Entropic Communications, LLC	7339412	DIGITAL CLOCK GENERATOR
Entropic Communications, LLC	7352814	VIDEO ARTIFACT IDENTIFICATION AND COUNTING
Entropic Communications, LLC	7355483	MULTIPLE FREQUENCY SOURCE SYSTEM AND METHOD OF OPERATION
Entropic Communications, LLC	7355917	TWO-DIMENSIONAL DATA MEMORY
Entropic Communications, LLC	7356670	DATA PROCESSING SYSTEM
Entropic Communications, LLC	7369834	IMPEDANCE-MATCHED IQ NETWORK FOR AN IMAGE REJECTION CIRCUIT
Entropic Communications, LLC	7376181	TRANSPOSED STRUCTURE FOR A DECISION FEEDBACK EQUALIZERCOMBINED WITH A TRELLIS DECODER
Entropic Communications, LLC	7376286	BLOCK-BASED ROTATION OF ARBITRARY-SHAPED IMAGES
Entropic Communications, LLC	7391476	METHOD AND DEVICE FOR INTERPOLATION OF INTERMEDIATE ROW IMAGE POINT OF HALF-IMAGE

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	7397311	OSCILLATOR COUPLING TO REDUCE SPURIOUS SIGNALS IN RECEIVER CIRCUITS
Entropic Communications, LLC	7397873	ADAPTIVE SIGNAL WEIGHTING SYSTEM
Entropic Communications, LLC	7403752	HIGH-SPEED COMMUNICATIONS TRANSCEIVER
Entropic Communications, LLC	7406492	DIGITAL FILTER COMBINATION FOR INTERPOLATION
Entropic Communications, LLC	7408491	METHOD FOR DETERMINING AND METHOD FOR COMPENSATING A CHARACTERISTIC CURVE OF AN A/D CONVERTER, CIRCUIT CONFIGURATION F
Entropic Communications, LLC	7415075	MULTI-RATE ENCODING AND DECODING SYSTEM
Entropic Communications, LLC	7418379	DEVICE FOR IMPROVING THE INTELLIGIBILITY OF AUDIO SIGNALS CONTAINING SPEECH
Entropic Communications, LLC	7428222	COMMUNICATIONS BRIDGE BETWEEN INCOMPATIBLE NETWORKS
Entropic Communications, LLC	7428238	BROADBAND NETWORK USING VARIOUS WIRING CHANNELS
Entropic Communications, LLC	7443375	DISPLAY DEVICE WITH PIXEL INVERSION
Entropic Communications, LLC	7477871	SIGNAL SELECTOR AND COMBINER FOR BROADBAND CONTENT DISTRIBUTION
Entropic Communications, LLC	7486283	METHOD AND APPARATUS FOR COMMUNICATING DIGITAL DATA FROM A COMPUTER SYSTEM TO A DISPLAY DEVICE
Entropic Communications, LLC	7496165	METHOD AND SYSTEM FOR MOTION-COMPENSATED ESTIMATION OF THE NOISE IN MOBILE WIRELESS TRANSMISSION SYSTEMS
Entropic Communications, LLC	7499105	COMPENSATION CIRCUIT FOR FREQUENCY FILTERS
Entropic Communications, LLC	7499397	BROADBAND LOCAL AREA NETWORK USING COAXIAL CABLE
Entropic Communications, LLC	7504890	DATA-DIRECTED FREQUENCY-AND-PHASE LOCK LOOP FORDECODING AN OFFSET-QAM MODULATED SIGNAL HAVING A PILOT
Entropic Communications, LLC	7504971	DECODING SYSTEMS AND METHODS
Entropic Communications, LLC	7515145	ARRANGEMENT FOR DRIVING A DISPLAY DEVICE
Entropic Communications, LLC	7519230	BACKGROUND MOTION VECTOR DETECTION
Entropic Communications, LLC	7519339	TUNER DESIGN SYSTEM FOR LOSSLESS INTERCONNECT OF MULTIPLE TUNERS
Entropic Communications, LLC	7519348	HARMONIC SUPPRESSION MIXER AND TUNER
Entropic Communications, LLC	7522875	SIGNAL SELECTOR AND COMBINER FOR BROADBAND CONTENT DISTRIBUTION
Entropic Communications, LLC	7525553	COMPUTER GRAPHICS PROCESSOR AND METHOD FOR GENERATING A COMPUTER GRAPHICS IMAGE
Entropic Communications, LLC	7526264	INTEGRATED CROSSPOINT SWITCH WITH BAND TRANSLATION

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	7528665	MULTIPLE FREQUENCY SOURCE SYSTEM AND METHOD OF OPERATION
Entropic Communications, LLC	7532216	METHOD OF SCALING A GRAPHIC CHARACTER
Entropic Communications, LLC	7532220	SYSTEM FOR ADAPTIVE RESAMPLING IN TEXTURE MAPPING
Entropic Communications, LLC	7536031	TEMPORAL INTERPOLATION OF A PIXEL ON BASIS OF OCCLUSION DETECTION
Entropic Communications, LLC	7539391	METHOD AND APPARATUS FOR TRICK-MODE SUPPORT OF AUDIO/VIDEO/DATA STREAMS WITH CONDITIONAL ACCESS
Entropic Communications, LLC	7542041	RUNTIME CONFIGURABLE VIRTUAL VIDEO PIPELINE
Entropic Communications, LLC	7542411	ECHO PROFILE PROBE
Entropic Communications, LLC	7542715	SIGNAL SELECTOR AND COMBINER FOR BROADBAND CONTENT DISTRIBUTION
Entropic Communications, LLC	7545888	APPARATUS FOR AND METHOD OF CONTROLLING A SAMPLING FREQUENCYOF A SAMPLING DEVICE
Entropic Communications, LLC	7548136	DISTORTION REDUCTION FOR VARIABLE CAPACITANCE DEVICES
Entropic Communications, LLC	7549156	FAST CHANNEL SCANNING AND ACQUISITION SYSTEM AND METHOD FOR CABLE MODEM APPLICATIONS
Entropic Communications, LLC	7551185	APPARATUS FOR RE-ORDERING VIDEO DATA FOR DISPLAYS USING TWO TRANSPOSE STEPS AND STORAGE OF INTERMEDIATE PARTIALLY RE-O
Entropic Communications, LLC	7552159	TRANSFORM CALCULATION DEVICE
Entropic Communications, LLC	7552343	CONDITIONAL ACCESS CONTROL
Entropic Communications, LLC	7552352	SYNCHRONIZATION OF SIGNALS
Entropic Communications, LLC	7558551	SIGNAL DISTRIBUTION SYSTEM CASCADABLE AGC DEVICE AND METHOD
Entropic Communications, LLC	7561208	METHOD AND DECODER FOR COMPOSING A SCENE
Entropic Communications, LLC	7568147	ITERATIVE DECODER EMPLOYING MULTIPLE EXTERNAL CODE ERROR CHECKS TO LOWER THE ERROR FLOOR
Entropic Communications, LLC	7570245	CONTROL UNIT AND METHOD FOR REDUCING INTERFERENCE PATTERNS IN THE DISPLAY OF AN IMAGE ON A SCREEN
Entropic Communications, LLC	7570710	IN-PHASE AND QUADRATURE-PHASE SIGNAL AMPLITUDE AND PHASE CALIBRATION
Entropic Communications, LLC	7571450	A SYSTEM FOR AND METHOD OF DISPLAYING INFORMATION
Entropic Communications, LLC	7573822	BROADBAND LOCAL AREA NETWORK USING COAXIAL CABLE
Entropic Communications, LLC	7594046	DATA PROCESSING IN WHICH CONCURRENTLY EXECUTED PROCESSES COMMUNICATE VIA A FIFO BUFFER
Entropic Communications, LLC	7594249	NETWORK INTERFACE AND BROADBAND LOCAL AREA NETWORK USING COAXIAL CABLE

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	7599433	APPARATUS FOR AND METHOD OF CONTROLLING A FEEDFORWARD FILTER OF AN EQUALIZER
Entropic Communications, LLC	7620254	APPARATUS AND METHOD FOR MOTION-VECTOR-AIDED INTERPOLATION OF A PIXEL OF AN INTERMEDIATE IMAGE OF AN IMAGE SEQUENCE
Entropic Communications, LLC	7643039	METHOD AND APPARATUS FOR CONVERTING A COLOR IMAGE
Entropic Communications, LLC	7653126	APPARATUS FOR AND METHOD OF CONTROLLING THE OPERATION OF AN EQUALIZER
Entropic Communications, LLC	7653370	MULTIPLE FREQUENCY SOURCE SYSTEM AND METHOD OF OPERATION
Entropic Communications, LLC	7673140	DEDICATED ENCRYPTED VIRTUAL CHANNEL IN A MULTI-CHANNEL SERIAL COMMUNICATIONS INTERFACE
Entropic Communications, LLC	7676199	METHOD AND APPARATUS FOR THE SMOOTH TRANSITION OF RETURN LOSS
Entropic Communications, LLC	7680219	METHOD AND CIRCUIT FOR DECODING A BIT SEQUENCE FROM QPSK OR QAM SYMBOLS
Entropic Communications, LLC	7685497	
Entropic Communications, LLC	7693327	IMAGE RENDITION USING SEQUENTIAL COLOR RENDITION
Entropic Communications, LLC	7701450	LINE SCANNING IN A DISPLAY
Entropic Communications, LLC	7711044	NOISE REDUCTION SYSTEMS AND METHODS
Entropic Communications, LLC	7711073	METHOD AND CIRCUIT ARRANGEMENT FOR DETERMINING THE FREQUENCY OF A RECEIVED SIGNAL FOR DEMODULATION OF RECEIVED SYMBOLS
Entropic Communications, LLC	7714760	APPARATUS AND METHODS FOR DIRECT QUADRATURE SAMPLING
Entropic Communications, LLC	7720177	SYSTEM AND METHOD FOR DETECTING KNOWN SEQUENCE IN TRANSMITTED SEQUENCE
Entropic Communications, LLC	7720296	METHOD FOR DETERMINING A DISPLACEMENT VECTOR IN AN IMAGE PROCESSING OPERATION
Entropic Communications, LLC	7724639	METHOD OF BIT ALLOCATION IN A MULTICARRIER SYMBOL TO ACHIEVE NON-PERIODIC FREQUENCY DIVERSITY
Entropic Communications, LLC	7725515	DIGITAL FILTER FOR REDUCTING BLOCKING ARTIFACTS IN IMAGES
Entropic Communications, LLC	7728743	DEVICE AND METHOD FOR POLYPHASE RESAMPLING
Entropic Communications, LLC	7734089	METHOD FOR REDUCING MOSQUITO NOISE
Entropic Communications, LLC	7734984	ERASURES ASSISTED BLOCK CODE DECODER AND RELATED METHOD
Entropic Communications, LLC	7738355	PACKET DATA TRANSMISSION WITH OPTIMUM PREAMBLE LENGTH
Entropic Communications, LLC	7746929	VIDEO ENCODING AND DECODING METHODS AND CORRESPONDING DEVICES
Entropic Communications, LLC	7746969	HIGH DEFINITION MULTI-MEDIA INTERFACE

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	7750979	PIXEL-DATA LINE BUFFER APPROACH HAVING VARIABLE SAMPLING PATTERNS
Entropic Communications, LLC	7761717	MEMORY DEVICE WITH DATA PROTECTION IN A PROCESSOR
Entropic Communications, LLC	7770090	EFFICIENT DECODERS FOR LDPC CODES
Entropic Communications, LLC	7778482	METHOD AND SYSTEM FOR REDUCING MOSQUITO NOISE IN A DIGITAL IMAGE
Entropic Communications, LLC	7783958	BROADBAND SATELLITE SYSTEM FOR THE SIMULTANEOUS RECEPTION OF MULTIPLE CHANNELS
Entropic Communications, LLC	7800521	NONLINEAR COMPENSATION IN ANALOG TO DIGITAL CONVERTERS
Entropic Communications, LLC	7808408	MINIMIZING ADVERSE EFFECTS OF SKEW BETWEEN TWO ANALOG-TO-DIGITAL CONVERTERS
Entropic Communications, LLC	7821914	A METHOD OF GENERATION AND SET OF IMPLEMENTATION EFFICIENT PREAMBLES FOR OFDM SYSTEMS
Entropic Communications, LLC	7822112	APPARATUS FOR AND METHOD OF CONTROLLING A SAMPLING FREQUENCYOF A SAMPLING DEVICE
Entropic Communications, LLC	7822602	ADAPTIVE REDUCTION OF NOISE SIGNALS AND BACKGROUND SIGNALS IN A SPEECH-PROCESSING SYSTEM
Entropic Communications, LLC	7825745	VARIABLE BANDWIDTH SILICON DUPLEXER
Entropic Communications, LLC	7843509	ITERATIVE IMAGE INTERPOLATION METHOD
Entropic Communications, LLC	7864904	METHOD AND DATA PROCESSING DEVICE FOR PROCESSING DIGITAL DATA OF A SIGNAL
Entropic Communications, LLC	7868949	SCHALTUNGSANORDNUNG UND VERFAHREN ZUM EINRASTEN AUF UND/ODER ZUM VERARBEITEN VON DATEN, INSBESONDERE AUDIO-, T[ELE]V[I
Entropic Communications, LLC	7880784	ARRANGEMENT FOR GENERATING A 3D VIDEO SIGNAL
Entropic Communications, LLC	7881500	MOTION ESTIMATION WITH VIDEO MODE DETECTION
Entropic Communications, LLC	7885325	APPARATUS FOR AND METHOD OF CONTROLLING A FEEDFORWARD FILTER OF AN EQUALIZER
Entropic Communications, LLC	7889759	BROADBAND CABLE NETWORK UTILIZING COMMON BIT-LOADING
Entropic Communications, LLC	7894529	METHOD AND DEVICE FOR DETERMINING MOTION VECTORS
Entropic Communications, LLC	7894547	IN-PHASE AND QUADRATURE-PHASE SIGNAL AMPLITUDE AND PHASE CALIBRATION
Entropic Communications, LLC	7894609	STEREO SIGNAL PROCESSING APPARATUS
Entropic Communications, LLC	7916815	METHOD AND APPARATUS FOR A MULTICARRIER RECEIVER CIRCUIT WITH GUARD INTERVAL SIZE DETECTION
Entropic Communications, LLC	7924348	METHOD AND APPARATUS FOR DISTRIBUTING MULTIPLE SIGNAL INPUTS TO MULTIPLE INTEGRATED CIRCUITS
Entropic Communications, LLC	7929609	MOTION ESTIMATION AND/OR COMPENSATION

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	7930174	DEVICE AND METHOD FOR SUPPRESSING NOISE
Entropic Communications, LLC	7933281	METHOD OF BUS CONFIGURATION TO ENABLE DEVICE BRDIGING OVER DISSIMILAR BUSES
Entropic Communications, LLC	7933332	METHOD AND APPARATUS FOR DETERMINATION OF MOTION VECTOR ALLOCATED TO IMAGE REGION OF IMAGE
Entropic Communications, LLC	7933411	METHOD OF CONSTRUCTING MPEG PROGRAM STREAMS FROM ENCRYPTED MPEG TRANSPORT STREAMS
Entropic Communications, LLC	7936206	HIGHLY LINEAR CMOS CAPACTIVE VOLTAGE DIVIDER WITH CONSTANT INPUT CAPACITANCE
Entropic Communications, LLC	7936669	SYSTEMS AND METHOD FOR FLOW CONTROL AND QUALITY OF SERVICE
Entropic Communications, LLC	7936701	FREQUENCY SCANNING FOR FORMATION OF COMMUNICATION NETWORK OF NODES
Entropic Communications, LLC	7937738	VARIABLE MODULATION UNICAST SYSTEM
Entropic Communications, LLC	7941091	MULTI-STAGE SIGNAL COMBINER NETWORK
Entropic Communications, LLC	7944966	VIDEO DECODING METHOD AND CORRESPONDING DECODER
Entropic Communications, LLC	7949205	IMAGE PROCESSING UNIT WITH FALL-BACK
Entropic Communications, LLC	7958424	MULTI-DEMODULATOR / FEC EFFICIENT ARCHITECTURE
Entropic Communications, LLC	7961251	METHOD AND APPARATUS FOR CONVERSION OF VIDEO FORMATS TO 120 HZ 4 TO 1 INTERLACED FORMATS
Entropic Communications, LLC	7974342	MOTION-COMPENSATED IMAGE SIGNAL INTERPOLATION
Entropic Communications, LLC	7982799	METHOD AND DEVICE FOR INTERPOLATION OF AN IMAGE INFORMATION VALUE FOR PIXEL OF AN INTERLINE
Entropic Communications, LLC	7995459	ECHO PROFILE PROBE
Entropic Communications, LLC	7995648	ADVANCED DIGITAL RECEIVER
Entropic Communications, LLC	7995793	OCCLUSION DETECTOR FOR AND METHOD OF DETECTING OCCLUSION AREAS
Entropic Communications, LLC	8009725	TRANSLATIONAL SWITCHING SYSTEM AND SIGNAL DISTRIBUTION SYSTEM EMPLOYING SAME
Entropic Communications, LLC	8019172	METHOD AND DEVICE FOR INCREASING THE RESOLUTION OF A DATA SEQUENCE
Entropic Communications, LLC	8023912	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
Entropic Communications, LLC	8031812	METHOD AND CIRCUIT ARRANGEMENT FOR SYMBOL DECISION UPON THE RECEPTION OF SIGNAL INCLUDING A QUADRATURE SIGNAL PAIR
Entropic Communications, LLC	8040962	CHANNEL RESPONSE CALCULATION IN AN OFDM RECEIVER
Entropic Communications, LLC	8059133	GRAPHICS PIPELINE FOR RENDERING GRAPHICS
Entropic Communications, LLC	8059715	VIDEO ENCODING AND DECODING METHODS AND CORRESPONDING DEVICES

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	8064545	DEVICE AND METHOD FOR DETERMINING A CONSTELLATION OF A QUADRATURE AMPLITUDE MODULATED SIGNAL
Entropic Communications, LLC	8064600	ENCODED DIGITAL VIDEO CONTENT PROTECTION BETWEEN TRANSPORT DEMULTIPLEXER AND DECODER
Entropic Communications, LLC	8065593	ERASURES ASSISTED BLOCK CODE DECODER AND RELATED METHOD
Entropic Communications, LLC	8068176	NOISE ELIMINATION DEVICE FOR THE DETECTION OF THE VERTICAL SYNC PULSE IN VIDEO SIGNALS
Entropic Communications, LLC	8073054	UNIT FOR AND METHOD OF ESTIMATING A CURRENT MOTION VECTOR
Entropic Communications, LLC	8073055	BIASED MOTION VECTOR INTERPOLATION FOR REDUCED VIDEO ARTIFACTS
Entropic Communications, LLC	8081258	EXTRACTION OF DATA FROM A TELEVISION SIGNAL USING AN ADAPTABLE SLICING LEVEL
Entropic Communications, LLC	8085802	MULTIMEDIA OVER COAXIAL CABLE ACCESS PROTOCOL
Entropic Communications, LLC	8086170	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
Entropic Communications, LLC	8095743	MULTIPROCESSOR ARCHITECTURE AND METHOD FOR CONTROLLING MEMORY ACCESS IN A MULTIPROCESSOR ARCHITECTURE
Entropic Communications, LLC	8102915	MOTION VECTOR FIELDS REFINEMENT TO TRACK SMALL FAST MOVING OBJECTS
Entropic Communications, LLC	8115874	MEMORY OPTIMIZATION FOR VIDEO PROCESSING
Entropic Communications, LLC	8121550	SATELITE INTERFERENCE CANCELING
Entropic Communications, LLC	8126051	VIDEO ENCODING AND DECODING METHODS AND CORRESPONDING ENCODING AND DECODING DEVICES
Entropic Communications, LLC	8126083	APPARATUS FOR AND METHOD OF CONTROLLING A SAMPLING FREQUENCYOF A SAMPLING DEVICE
Entropic Communications, LLC	8135073	ENHANCING VIDEO IMAGES DEPENDING ON PRIOR IMAGE ENHANCEMENTS
Entropic Communications, LLC	8139154	APPARATUS AND METHOD FOR INTERPOLATING A PIXEL FROM AN INTERMEDIATE LINE OF A FIELD
Entropic Communications, LLC	8150351	MULTI-MODE LOW NOISE AMPLIFIER
Entropic Communications, LLC	8155459	VIDEO PROCESSING DEVICE WITH LOW BANDWIDTH REQUIREMENTS
Entropic Communications, LLC	8176181	LAYER-2 MANAGEMENT ENTITY MESSAGING FRAMEOWRK IN A NETWORK
Entropic Communications, LLC	8176353	VERFAHREN ZUR BERTRAGUNG VON DATEN ZWISCHEN WENIGSTENS ZWEI TAKTDOM NEN
Entropic Communications, LLC	8179920	HIGH EFFICIENCY PREAMBLES FOR COMMUNICATIONS SYSTEMS OVER PSEUDO-STATIONARY COMMUNICATION CHANNELS.
Entropic Communications, LLC	8181208	MEDIA SERVER AND NETWORK FOR COAXIAL CABLE
Entropic Communications, LLC	8184663	MULTI-FORMAT STREAM RE-MULTIPLEXER FOR MULTI-PASS, MULTI-STREAM, MULTIPLEXED TRANSPORT STREAM PROCESSING

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	8184689	VIDEO ENCODING AND DECODING PRESERVING CACHE LOCALITIES
Entropic Communications, LLC	8184922	DIGITAL FILTER CONFIGURATION
Entropic Communications, LLC	8189105	SYSTEMS AND METHODS OF MOTION AND EDGE ADAPTIVE PROCESSING INCLUDING MOTION COMPENSATION FEATURES
Entropic Communications, LLC	8198935	HIGHLY LINEAR CMOS CAPACTIVE VOLTAGE DIVIDER WITH CONSTANT INPUT CAPACITANCE
Entropic Communications, LLC	8204102	SIMPLE OFDM EQUALIZER WITH REDUCED SENSITIVITY TO IQ IMBALANCE
Entropic Communications, LLC	8212546	WIDEBAND CMOS RF RMS POWER DETECTION SCHEME
Entropic Communications, LLC	8223046	ADC AND DAC WITH ACCELERATED SAMPLING
Entropic Communications, LLC	8223775	ARCHITECTURE FOR A FLEXIBLE AND HIGH-PERFORMANCE GATEWAY CABLE MODEM
Entropic Communications, LLC	8228910	PACKET AGGREGATION FOR BROADBAND NETWORK
Entropic Communications, LLC	8237595	METHOD AND APPARATUS FOR BANDPASS DIGITAL TO ANALOG CONVERTER
Entropic Communications, LLC	8238505	METHOD AND CIRCUIT FOR LINE-COUPLED CLOCK GENERATION
Entropic Communications, LLC	8239631	SYSTEM AND METHOD FOR REPLACING DATA IN A CACHE
Entropic Communications, LLC	8266265	CHANNEL BONDING WITH C.LINK+
Entropic Communications, LLC	8266444	CHIP INTEGRATED PROTECTION MEANS
Entropic Communications, LLC	8279943	METHOD FOR RECEPTION OF DVB-H SIGNALS AND DVB-H RECEIVER
Entropic Communications, LLC	8279989	DEVICE AND PROCESS FOR DATA RATE ACQUISITION
Entropic Communications, LLC	8284690	OFDM PARAMETERS.
Entropic Communications, LLC	8300681	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
Entropic Communications, LLC	8311090	CODING OF A PLURALITY OF BINARY INPUT DATA WORDS INTO ONE CODEWORD
Entropic Communications, LLC	8311112	SYSTEM AND METHOD FOR VIDEO COMPRESSION USING PREDICTIVE CODING
Entropic Communications, LLC	8315272	SYSTEMS AND METHODS FOR DIGITAL INTERFACE TRANSLATION
Entropic Communications, LLC	8319890	ARRANGEMENT FOR GENERATING A 3:2 PULL-DOWN SWITCH-OFF SIGNAL FOR A VIDEO COMPRESSION ENCODER
Entropic Communications, LLC	8320451	REPLACEMENT OF FRAME DATA IN A VIDEO STREAM SIGNAL
Entropic Communications, LLC	8320478	SYSTEM AND METHOD FOR GENERATING A SIGNAL WITH A RANDOM LOW PEAK TO AVERAGE POWER RATIO WAVEFORM FOR AN ORTHOGONAL FRE
Entropic Communications, LLC	8320566	SILENT PROBES IN A COMMUNICATION NETWORK

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	8324984	VARIABLE BANDWIDTH SILICON DUPLEXER
Entropic Communications, LLC	8325858	ACCURATE ESTIMATION OF NOISE VARIANCE COMBINED WITH A NARROW-BAND INTERFERENCE DETECTION APPLIED TO LOG-LIKELIHOOD COM
Entropic Communications, LLC	8335392	METHOD FOR REDUCING IMAGE ARTIFACTS
Entropic Communications, LLC	8340125	METHOD AND APPARATUS FOR BLOCK ACKNOWLEDGEMENT IN A COMMUNICATION NETWORK.
Entropic Communications, LLC	8340616	TRACKING FILTER FOR TUNER
Entropic Communications, LLC	8345734	TIME ERROR ESTIMATION FOR DATA SYMBOLS
Entropic Communications, LLC	8345798	CHANNEL STACKING SYSTEM AND METHOD OF OPERATION
Entropic Communications, LLC	8350963	VIDEO PROCESSING DEVICE AND METHOD OF PROCESSING VIDEO DATA
Entropic Communications, LLC	8351368	METHOD, SYSTEM, AND APPARATUS FOR EXTENDED RATE/RANGE COMMUNICATION OVER A COMMUNICATION NETWORK
Entropic Communications, LLC	8352256	ADAPTIVE REDUCTION OF NOISE SIGNALS AND BACKGROUND SIGNALS IN A SPEECH-PROCESSING SYSTEM
Entropic Communications, LLC	8352569	FULL MESH RATES TRANSACTION IN A NETWORK
Entropic Communications, LLC	8362716	DRIVE APPARATUS FOR FRAME DEFLECTION AND METHOD
Entropic Communications, LLC	8363681	SILENT PROBES IN A COMMUNICATION NETWORK
Entropic Communications, LLC	8363714	VIDEO STREAM MODIFIER
Entropic Communications, LLC	8373796	DETECTING OCCLUSION
Entropic Communications, LLC	8374465	METHOD AND APPARATUS FOR FIELD RATE UP-CONVERSION
Entropic Communications, LLC	8384464	LOW JITTER CLOCK INTERPOLATOR
Entropic Communications, LLC	8385421	METHOD FOR ESTIMATING THE MOTION IN IMAGE PROCESSING
Entropic Communications, LLC	8385426	METHOD FOR A MOSAIC PROGRAM GUIDE
Entropic Communications, LLC	8390378	TECHNIQUES OF BROADBAND INPUT MATCHING WITH NOISE AND NON-LINEARITY CANCELLATION IN AMPLIFIER/POWER AMPLIFIER (PA).
Entropic Communications, LLC	8400435	CIRCUIT ARRANGEMENT FOR A DISPLAY DEVICE WHICH CAN BE OPERATED IN A PARTIAL MODE
Entropic Communications, LLC	8406302	UNIT FOR AND METHOD OF MOTION ESTIMATION AND IMAGE PROCESSING APPARATUS PROVIDED WITH SUCH MOTION ESTIMATION UNIT
Entropic Communications, LLC	8406305	METHOD AND SYSTEM FOR CREATING AN INTERPOLATED IMAGE USING UP-CONVERSION VECTOR WITH UNCOVERING-COVERING DETECTION

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	8411099	COMPUTER GRAPHICS PROCESSOR AND METHOD OF RENDERING IMAGES
Entropic Communications, LLC	8411565	BROADBAND LOCAL AREA NETWORK USING COAXIAL CABLE
Entropic Communications, LLC	8412759	SYSTEM AND METHOD FOR ACTIVE DIPLEXERS
Entropic Communications, LLC	8416344	ITERATIVE METHOD FOR INTERPOLATING IMAGE INFORMATION VALUES
Entropic Communications, LLC	8416685	METHOD FOR MAXIMIZING THE EFFICIENCY OF PACKET AGGREGATION AND THE PQOS BANDWIDTH UTILIZATION
Entropic Communications, LLC	8418036	SILENT PROBES IN A COMMUNICATION NETWORK
Entropic Communications, LLC	8418043	ERROR DETECTION
Entropic Communications, LLC	8427944	LAYER 2 MULTICASTING FOR AN ACCESS NETWORK OVER COAX USING OPTIMIZED BITLOADING.
Entropic Communications, LLC	8428145	SYSTEM AND METHOD FOR PROVIDING FAST TRICK MODES
Entropic Communications, LLC	8432999	CHANNEL RESPONSE CALCULATION IN AN OFDM RECEIVER
Entropic Communications, LLC	8441498	DEVICE AND METHOD FOR PROCESSIGN COLOR IMAGE DATA
Entropic Communications, LLC	8441579	MOTION JUDDER CANCELLATION IN IMAGE SEQUENCES
Entropic Communications, LLC	8442118	CALCULATING TRANSFORMATION PARAMETERS FOR IMAGE PROCESSING
Entropic Communications, LLC	8443270	MULTIPLE INPUT HARDWARE REUSE USING LDPC CODES
Entropic Communications, LLC	8446530	DYNAMIC SAMPLING
Entropic Communications, LLC	8446950	METHOD OF ESTIMATING THE MOTION IN IMAGE PROCESSING
Entropic Communications, LLC	8451758	METHOD AND DEVICE FOR OPERATING OF TWO WIRELESS SERVICES
Entropic Communications, LLC	8451900	GLOBAL MOTION ESTIMATION
Entropic Communications, LLC	8452827	DATA PROCESSING CIRCUIT
Entropic Communications, LLC	8457424	METHOD FOR TESTING A MOTION VECTOR
Entropic Communications, LLC	8462898	BLIND COMPENSATION AND CORRECTION OF TRANSMITTER IQ IMBALANCE AT THE RECEIVER ON AN OFDM COMMUNICATION SYSTEM
Entropic Communications, LLC	8466924	DISPLAYING ON A MATRIX DISPLAY
Entropic Communications, LLC	8467452	DISTRIBUTING CANDIDATE VECTORS BASED ON LOCAL MOTION COMPLEXITY
Entropic Communications, LLC	8467604	COLOR ENHANCEMENT
Entropic Communications, LLC	8468200	RETRANSMISSION ADMISSION MECHANISM IN MOCA NETWORK.

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	8472475	SYSTEM AND METHOD FOR RETRANSMISSION AND FRAGMENTATION IN A COMMUNICATION NETWORK
Entropic Communications, LLC	8478065	PIXEL PROCESSING
Entropic Communications, LLC	8483152	METHOD AND APPARATUS FOR USE OF OFMDA IN A COMMUNICATION NETWORK.
Entropic Communications, LLC	8483317	APPARATUS FOR AND METHOD OF CONTROLLING A SAMPLING FREQUENCYOF A SAMPLING DEVICE
Entropic Communications, LLC	8484389	AN AV RENDERER PERIPHERAL WITH DUAL INTERRUPT LINES FOR STAGGERED INTERRUPTS
Entropic Communications, LLC	8488887	METHOD OF DETERMINING AN IMAGE DISTRIBUTION FOR A LIGHT FIELD DATA STRUCTURE
Entropic Communications, LLC	8498294	MULTIMEDIA OVER COAXIAL CABLE ACCESS PROTOCOL
Entropic Communications, LLC	8514942	LOW-RESOLUTION VIDEO CODING CONTENT EXTRACTION
Entropic Communications, LLC	8519928	METHOD AND SYSTEM FOR FRAME INSERTION IN A DIGITAL DISPLAY SYSTEM
Entropic Communications, LLC	8520849	ENCRYPTION BY PIXEL PROPERTY SEPARATION
Entropic Communications, LLC	8522061	METHOD AND APPARATUS OF POWER MANAGEMENT
Entropic Communications, LLC	8526502	METHOD AND APPARATUS FOR LINE BASED VERTICAL MOTION ESTIMATION AND COMPENSATION
Entropic Communications, LLC	8531610	ARRANGEMENT AND APPROACH FOR IMAGE DATA PROCESSING
Entropic Communications, LLC	8536916	DIGITALLY CONTROLLED OSCILLATOR WITH THERMOMETER SIGMA DELTA ENCODED FREQUENCY CONTROL WORD
Entropic Communications, LLC	8537076	VIDEO CIRCUIT
Entropic Communications, LLC	8537903	DE-BLOCKING AND DE-RINGING SYSTEMS AND METHODS
Entropic Communications, LLC	8542683	DYNAMIC BITLOADING.
Entropic Communications, LLC	8542938	SYSTEM AND METHOD FOR INTRA-FRAME COMPRESSION USING PREDICTIVE CODING
Entropic Communications, LLC	8549377	MULTI-DEMODULATOR / FEC EFFICIENT ARCHITECTURE
Entropic Communications, LLC	8553727	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK.
Entropic Communications, LLC	8559461	PACKET DATA TRANSMISSION WITH OPTIMUM PREAMBLE LENGTH
Entropic Communications, LLC	8565313	DETERMINING A VECTOR FIELD FOR AN INTERMEDIATE IMAGE
Entropic Communications, LLC	8566678	BROADBAND SATELLITE SYSTEM FOR THE SIMULTANEOUS RECEPTION OF MULTIPLE CHANNELS
Entropic Communications, LLC	8582576	METHOD OF BUS CONFIGURATION TO ENABLE DEVICE BRIDGING OVER DISSIMILAR BUSES
Entropic Communications, LLC	8587722	SYSTEM AND METHOD FOR AUTOMATICALLY CONTROLLING THE PHASE OF A CLOCK SIGNAL FOR SAMPLING AN HDTV SIGNAL

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	8588055	ECHO PROFILE PROBE
Entropic Communications, LLC	8588250	BROADBAND CABLE NETWORK UTILIZING COMMON BIT-LOADING
Entropic Communications, LLC	8593983	SILENT SYMBOL (NOW INCLUDING SILENT SUBCARRIERS).
Entropic Communications, LLC	8611408	APPARATUS FOR AND METHOD OF DEVELOPING EQUALIZED VALUES FROM SAMPLES OF A SIGNAL RECEIVED FROM A CHANNEL
Entropic Communications, LLC	8615061	METHOD AND APPARATUS FOR CROSS POLARIZATION AND CROSS SATELLITE INTERFERENCE CANCELLATION
Entropic Communications, LLC	8619016	APPARATUS AND METHOD FOR COLOR SHIFT COMPENSATION IN DISPLAYS
Entropic Communications, LLC	8621539	PHYSICAL LAYER TRANSMITTER FOR USE IN A BROADBAND LOCAL AREA NETWORK
Entropic Communications, LLC	8630507	IMAGE DATA PROCESSING AND ARRANGEMENTS THEREFOR
Entropic Communications, LLC	8631450	BROADBAND LOCAL AREA NETWORK
Entropic Communications, LLC	8634498	EVM PROBES FOR OFDMA.
Entropic Communications, LLC	8638808	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK.
Entropic Communications, LLC	8639179	SINGLE-CABLE AUTOMATIC IRD INSTALLATION PROCEDURE
Entropic Communications, LLC	8677441	SCANNING ALGORITHM FOR MOCA DEVICES EMBEDDED IN DEVICES WITH TV TUNERS
Entropic Communications, LLC	8681890	METHOD AND APPARATUS FOR REAL TIME MULTIPLEXING WITH RECEIVER AND ANTENNA ARRAY ELEMENTS
Entropic Communications, LLC	8683256	METHOD AND SYSTEM FOR INTERFERENCE DETECTION AND MITIGATION
Entropic Communications, LLC	8687123	VIDEO SIGNAL PROCESSING
Entropic Communications, LLC	8687695	APPARATUS AND METHOD OF DETERMINING MOTION VECTORS ASSIGNED TO IMAGE REGIONS
Entropic Communications, LLC	8693419	SUB-CHANNELS
Entropic Communications, LLC	8699502	MEDIA RECEIVER HUB
Entropic Communications, LLC	8699704	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
Entropic Communications, LLC	8711072	MOTION BLUR REDUCTION FOR LCD VIDEO/GRAPHICS PROCESSORS
Entropic Communications, LLC	8711848	HIGH EFFICIENCY PREAMBLES FOR COMMUNICATIONS SYSTEMS OVER PSEUDO-STATIONARY COMMUNICATION CHANNELS.
Entropic Communications, LLC	8718142	SYSTEM AND METHOD FOR FRAME RATE CONVERSION THAT UTILIZES MOTION ESTIMATION AND MOTION COMPENSATED TEMPORAL INTERPOLAT
Entropic Communications, LLC	8719890	VARIABLE MODULATION UNICAST SYSTEM

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	8731320	IMAGE PROCESSING USING A BILATERAL GRID
Entropic Communications, LLC	8732409	CACHE MANAGEMENT POLICY AND CORRESPONDING DEVICE
Entropic Communications, LLC	8738930	CHIP INTEGRATED PROTECTION MEANS
Entropic Communications, LLC	8750298	PACKET AGGREGATION FOR BROADBAND NETWORK
Entropic Communications, LLC	8755467	METHOD AND CIRCUIT SYSTEM FOR DECIDING A SYMBOL UPON RECEPTION OF RECEIVED SYMBOLS COUPLED WITH A QUADRATURE SIGNAL PA
Entropic Communications, LLC	8767607	METHOD OF MUTICASTING OVER MOCA.
Entropic Communications, LLC	8773595	IMAGE PROCESSING
Entropic Communications, LLC	8774030	CHANNEL ESTIMATION VIA PREAMBLE
Entropic Communications, LLC	8774273	METHOD AND SYSTEM FOR DECODING DIGITAL VIDEO CONTENT INVOLVING ARBITRARILY ACCESSING AN ENCODED BITSTREAM
Entropic Communications, LLC	8774323	DEVICE AND METHOD FOR DETERMINING A SYMBOL DURING RECEPTION OF A SIGNAL COUPLED WITH A QUADRATURE SIGNAL PAIR (I,Q) FO
Entropic Communications, LLC	8787430	HIGH-SPEED COMMUNICATIONS TRANSCEIVER
Entropic Communications, LLC	8787474	SYSTEM AND METHOD FOR GENERATING A SIGNAL WITH A RANDOM LOW PEAK TO AVERAGE POWER RATIO WAVEFORM FOR AN ORTHOGONAL FRE
Entropic Communications, LLC	8792565	10 GBPS HOME COAX NETWORKING SYSTEM
Entropic Communications, LLC	8797457	APPARATUS AND METHOD FOR FRAME RATE PRESERVING RE-SAMPLING OR RE-FORMATTING OF A VIDEO STREAM
Entropic Communications, LLC	8798135	VIDEO STREAM MODIFIER
Entropic Communications, LLC	8804044	TEMPORAL FALLBACK FOR HIGH FRAME RATE PICTURE RATE CONVERSION
Entropic Communications, LLC	8811411	PACKET AGGREGATION AND FRAGMENTATION AT LAYER-2 OVER A MANAGED NETWORK
Entropic Communications, LLC	8817860	PHASE TRACKING SCHEME FOR ADC-BASED TUNER
Entropic Communications, LLC	8818319	SIGNAL DISTRIBUTION AND FILTERING IN LOW NOISE BLOCK DOWNCONVERTERS
Entropic Communications, LLC	8824270	ECHO PROFILE PROBE
Entropic Communications, LLC	8824568	DEVICE AND METHOD FOR DECODING DIGITAL TV BROADCAST
Entropic Communications, LLC	8831015	MOCA-WIFI TIME MULTIPLEXING
Entropic Communications, LLC	8842219	FRAME RATE UP-CONVERSION
Entropic Communications, LLC	8842742	FRAME-RATE CONVERSION

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	8849969	ENHANCED LINK MAINTENANCE OPERATION FOR A NETWORK
Entropic Communications, LLC	8861357	METHOD AND APPARATUS FOR SENDING UNICAST PQOS FLOW DFID INFORMATION TO A NETWORK COORDINATOR.
Entropic Communications, LLC	8861363	METHOD AND SYSTEM FOR INTERFERENCE DETECTION AND MITIGATION
Entropic Communications, LLC	8861605	IMAGE PROCESSING METHOD WITH MOTION ESTIMATION AND IMAGE PROCESSING ARRANGEMENT
Entropic Communications, LLC	8873688	UNKNOWN RATE CLOCK RECOVERY FROM FIXED RATE TRANSMISSION SYSTEM
Entropic Communications, LLC	8879608	SYSTEMS AND METHODS FOR DIGITAL INTERFACE TRANSLATION
Entropic Communications, LLC	8884685	ADAPTIVE DVS (DYNAMIC VOLTAGE SCALING)
Entropic Communications, LLC	8891363	QOS IN MII MODE WITH TRAFFIC SHAPING BY THE ETHERNET DRIVER.
Entropic Communications, LLC	8891544	PHYSICAL LAYER TRANSMITTER FOR USE IN A BROADBAND LOCAL AREA NETWORK
Entropic Communications, LLC	8892026	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
Entropic Communications, LLC	8902360	METHOD FOR DETECTING PICTURE SEQUENCES WITH FILES REPEATED LINE-BY-LINE
Entropic Communications, LLC	8902992	DECODER FOR SELECTIVELY DECODING PREDETERMINED DATA UNITS FROM A CODED BIT STREAM
Entropic Communications, LLC	8907708	DIGITALLY CONTROLLED OSCILLATOR WITH THERMOMETER SIGMA DELTA ENCODED FREQUENCY CONTROL WORD
Entropic Communications, LLC	8908100	ARRANGEMENT AND APPROACH FOR MOTION-BASED IMAGE DATA PROCESSING
Entropic Communications, LLC	8913626	MIXED-SIGNAL PROCESSING ARCHITECTURES FOR MULTIMEDIA STREAMING AND MULTIPLEXING SYSTEMS
Entropic Communications, LLC	8913635	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK.
Entropic Communications, LLC	8948189	SYSTEM AND METHOD FOR SCHEDULING RESERVATION REQUESTS FOR A COMMUNICATION NETWORK
Entropic Communications, LLC	8948716	LOW COST HIGH FREQUENCY CONVERTERS (K2IF)
Entropic Communications, LLC	8964116	SPATIAL AND TEMPORAL DE-INTERLACING WITH ERROR CRITERION
Entropic Communications, LLC	8981980	METHOD AND APPARATUS FOR BANDPASS DIGITAL TO ANALOG CONVERTER
Entropic Communications, LLC	8983175	VIDEO PROCESSING METHOD AND DEVICE FOR DEPTH EXTRACTION
Entropic Communications, LLC	8990878	VARIABLE MODULATION UNICAST SYSTEM
Entropic Communications, LLC	8995585	CARRIER RECOVERY METHOD AND CARRIER RECOVERY DEVICE FOR PSEUDO RANDOM NOISE BASED SYSTEM
Entropic Communications, LLC	8996680	ENHANCED LINK MAINTENANCE OPERATION FOR A NETWORK

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	9008077	MAP TRANSMISSION SCHEDULE AND FORMAT FOR QUICK ERROR RECOVERY IN MOCA
Entropic Communications, LLC	9030270	SWITCHABLE DIPLEXER WITH IMPROVED ISOLATIONS
Entropic Communications, LLC	9030370	DISTRIBUTED CONTINUOUS ANTENNA
Entropic Communications, LLC	9042810	SINGLE-CABLE AUTOMATIC IRD INSTALLATION PROCEDURE
Entropic Communications, LLC	9047656	IMAGE PROCESSING USING A BILATERAL GRID
Entropic Communications, LLC	9071314	METHOD AND APPARATUS FOR CROSS POLARIZATION AND CROSS SATELLITE INTERFERENCE CANCELLATION
Entropic Communications, LLC	9071388	SWITCHABLE DIPLEXER WITH IMPROVED ISOLATIONS
Entropic Communications, LLC	9094068	TRANSMIT NOISE AND IMPEDANCE CHANGE MITIGATION IN WIRED COMMUNICATION SYSTEM
Entropic Communications, LLC	9100061	COMBINED NETWORK SWITCHING AND FILTER SYSTEM AND METHOD
Entropic Communications, LLC	9100256	SYSTEMS AND METHODS FOR DETERMINING THE NUMBER OF CHANNEL ESTIMATION SYMBOLS BASED ON THE CHANNEL COHERENCE BANDWIDTH
Entropic Communications, LLC	9100535	DEVICE AND METHOD FOR MOTION ESTIMATION AND COMPENSATION
Entropic Communications, LLC	9106554	METHOD AND APPARATUS FOR LAYER 2 DISCOVERY IN A MANAGED SHARED NETWORK
Entropic Communications, LLC	9112803	BROADBAND CABEL NETWORK UTILIZING COMMON BIT-LOADING
Entropic Communications, LLC	9124234	METHOD AND APPARATUS FOR ADAPTIVE AUTOMATIC GAIN CONTROL
Entropic Communications, LLC	9143149	METHOD AND APPARATUS FOR CALIBRATION OF A TIME INTERLEAVED ADC
Entropic Communications, LLC	9154338	SYSTEM AND METHOD FOR IQ IMBALANCE ESTIMATION
Entropic Communications, LLC	9154791	LOW-RESOLUTION VIDEO CODING CONTENT EXTRACTION FROM HIGH RESOLUTION
Entropic Communications, LLC	9172993	BROADBAND LOCAL AREA NETWORK
Entropic Communications, LLC	9184872	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK.
Entropic Communications, LLC	9191461	SOFTWARE UPGRADE USING LAYER-2 MANAGEMENT ENTITY MESSAGING
Entropic Communications, LLC	9201436	ADAPTIVE LDO REGULATOR SYSTEM AND METHOD
Entropic Communications, LLC	9203462	TRANSMIT ENERGY LEAKAGE CONTROL IN A RECEIVER
Entropic Communications, LLC	9209957	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES
Entropic Communications, LLC	9210062	SYSTEMS AND METHODS FOR PROBING WIRED COMMUNICATION
Entropic Communications, LLC	9219557	CIRCUITS, SYSTEMS AND METHODS FOR CONSTRUCTING A COMPOSITE SIGNAL

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	9231609	SYSTEMS AND METHODS FOR FREQUENCY GENERATION
Entropic Communications, LLC	9235678	INTEGRATED CIRCUIT DESIGN USING DYNAMIC VOLTAGE SCALING
Entropic Communications, LLC	9264074	LDPC CODE MATRICES
Entropic Communications, LLC	9270401	METHOD AND APPARATUS FOR ASYNCHRONOUS ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS
Entropic Communications, LLC	9282274	SYSTEM AND METHOD FOR REDUCING INTRA-CHANNEL INTERFERENCE
Entropic Communications, LLC	9294297	NODE-BASED QUALITY-OF-SERVICE MANAGEMENT
Entropic Communications, LLC	9300468	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
Entropic Communications, LLC	9312880	METHOD AND APPARATUS FOR SPECTRUM SPREADING OF A PULSE-DENSITY MODULATED WAVEFORM
Entropic Communications, LLC	9344262	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWIITCHES
Entropic Communications, LLC	9348556	METHOD AND DEVICE FOR NOISE SUPPRESSION IN A DATA PROCESSING ARRANGEMENT
Entropic Communications, LLC	9354260	WIDEBAND CMOS RMS POWER DETECTION SYSTEM
Entropic Communications, LLC	9380253	METHOD AND APPARATUS FOR BAND SELECTION, SWITCHING AND DIPLEXING
Entropic Communications, LLC	9385697	METHOD AND APPARATUS FOR CENCELLATION OF SPURIOUS SIGNALS
Entropic Communications, LLC	9391658	METHOD AND APPARATUS FOR CANCELLATION OF INTERFERENCE FROM A SPREAD SPECTRUM PHASE LOCK LOOP
Entropic Communications, LLC	9391850	METHOD AND APPARATUS FOR QUALITY-OF-SERVICE (QOS) MANAGEMENT
Entropic Communications, LLC	9398119	DETECTION OF RVU CAPABLE DEVICES
Entropic Communications, LLC	9407369	OPTICAL CONVERTER WITH ADC BASED CHANNELIZER FOR OPTICAL LNB SYSTEM
Entropic Communications, LLC	9413476	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
Entropic Communications, LLC	9413632	METHOD FOR EXTENDED RATE/RANGE COMMUNICATION OVER A COMMUNICATION NETWORK
Entropic Communications, LLC	9432065	COMMUNICATION TRANSCEIVER INTERFACE
Entropic Communications, LLC	9432679	DATA PROCESSING SYSTEM
Entropic Communications, LLC	9438464	SYSTEM AND METHOD FOR IQ IMBALANCE ESTIMATION
Entropic Communications, LLC	9462295	MANIPULATING SUB-PICTURES OF A COMPRESSED VIDEO SIGNAL
Entropic Communications, LLC	9473082	DYNAMIC BIAS CONTROL
Entropic Communications, LLC	9473096	METHOD AND APPARATUS FOR ADAPTIVE TRANSMIT POWER CONTROL

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	9484807	HIGH EFFICIENCY SWITCHED CAPACITOR VOLTAGE REGULATOR.
Entropic Communications, LLC	9501610	INTEGRATED CIRCUIT DESIGN USING DYNAMIC VOLTAGE SCALING
Entropic Communications, LLC	9509396	SYSTEMS AND METHODS FOR SHARED ANALOG-TO-DIGITAL CONVERSION IN A COMMUNICATION SYSTEM
Entropic Communications, LLC	9510008	VIDEO DECODER MEMORY BANDWIDTH COMPRESSION
Entropic Communications, LLC	9510223	SYSTEMS AND METHODS FOR FREQUENCY ERROR CORRECTION IN COMMUNICATION SYSTEM
Entropic Communications, LLC	9514060	DEVICE, SYSTEM AND METHOD OF ACCESSING DATA STORED IN A MEMORY
Entropic Communications, LLC	9537502	METHOD AND APPRATUS FOR CALIBRATION OF A TIME INTERLEAVED ADC
Entropic Communications, LLC	9543893	METHOD AND SYSTEM FOR FREQUENCY GENERATION
Entropic Communications, LLC	9552631	IMAGE PROCESSING USING A BILATERAL GRID
Entropic Communications, LLC	9565012	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES
Entropic Communications, LLC	9565469	BROADBAND LOCAL AREA NETWORK
Entropic Communications, LLC	9571154	TRANSMIT ENERGY LEAKAGE CONTROL IN A RECEIVER
Entropic Communications, LLC	9571182	SYSTEMS AND METHODS FOR CANCELLATION OF CROSS-COUPLED NOISE
Entropic Communications, LLC	9588533	HIGH UNITY GAIN BANDWIDTH VOLTAGE REGULATION FOR INTEGRATED CIRCUITS
Entropic Communications, LLC	9590666	TRANSMIT NOISE AND IMPEDANCE CHANGE MITIGATION IN WIRED COMMUNICATION SYSTEM
Entropic Communications, LLC	9614764	SYSTEM COMPRISING NODES WITH ACTIVE AND PASSIVE PORTS
Entropic Communications, LLC	RE39202	DIGITAL VIDEO CONVERTER BOX FOR SUBSCRIBER/HOME WITH MULTIPLE TELEVISION SETS
MaxLinear, Inc.	7,362,178	Wide Dynamic Range Amplifier Gain Control
MaxLinear, Inc.	7,532,870	METHOD AND APPARATUS FOR DC OFFSET REMOVAL
MaxLinear, Inc.	7,778,613	A DUAL CONVERSION RECEIVER ARCHITECTURE WITH PROGRAMMABLE INTERMEDIATE FREQUENCY AND EFFICIENT CHANNEL SELECTION SUITABLE FOR COMPLETE INTEGRATION ON A SINGLE INTEGRATED CIRCUIT
MaxLinear, Inc.	7,917,091	Method and Apparatus for Calibrating the Sideband Rejection of a Receiver
MaxLinear, Inc.	7,929,645	Method and Apparatus for Channel Estimation in OFDM Receivers
MaxLinear, Inc.	8,010,070	Low-Complexity Diversity Using Coarse FFT and Subband-Wise Combining
MaxLinear, Inc.	8,027,395	EDGE MMSE Filters
Entropic Communications, LLC	8,115,781	Systems and Methods of image processing including removal of discontinuous ramp and/or smoothing features

OWNER	REGISTRATION NUMBER	DESCRIPTION
MaxLinear, Inc.	8,229,381	Method And Apparatus For Efficient DC Calibration in A Direct-Conversation System with Variable DC Gain
MaxLinear, Inc.	8,290,059	Method and Apparatus For Preserving Deinterleaving Erasure Information of Block Interleaved Coded Signal
MaxLinear, Inc.	8,306,157	Receiver Architecture With Digitally Generated Intermediate Frequency
MaxLinear, Inc.	8,311,156	Hybrid Receiver Architecture Using Upconversion Followed By Direct Downconversion
MaxLinear, Inc.	8,373,515	TCXO
MaxLinear, Inc.	8,373,804	Tuner for Cable, Satellite and Broadcast Applications
MaxLinear, Inc.	8,396,173	I/Q Calibrattioin Techniques
MaxLinear, Inc.	8,478,221	Method and Apparatus for Efficient DC Calibration in a Direct-Conversion System with Variable DC Gain
MaxLinear, Inc.	8,497,802	GNSS Receoption Using Distributed Time Synchronization
MaxLinear, Inc.	8,515,375	Dynamic Bandwidth Control Scheme of a Frac-N PLL in a Receiver
MaxLinear, Inc.	8,526,898	Wideband Tuner Architecture
MaxLinear, Inc.	8,531,333	Intermittent Tracking for Gnss
MaxLinear, Inc.	8,577,319	Gain Partitioning in a Receiver
MaxLinear, Inc.	8,634,485	Fast Resynchronization for Reception in Time Slicing
MaxLinear, Inc.	8,666,350	Cable Architecture For Cable and Analog TV
MaxLinear, Inc.	8,670,508	Method and System for a Low-Complexity Soft-Output MIMO Detection
MaxLinear, Inc.	8,670,736	Crystal Control Scheme to Improve Performance of a Receiver
MaxLinear, Inc.	8,700,449	Targeted Advertisement In the Digital Television Environment
MaxLinear, Inc.	8,718,584	A DUAL CONVERSION RECEIVER ARCHITECTURE WITH PROGRAMMABLE INTERMEDIATE FREQUENCY AND EFFICIENT CHANNEL SELECTION SUITABLE FOR COMPLETE INTEGRATION ON A SINGLE INTEGRATED CIRCUIT
MaxLinear, Inc.	8,766,849	GPS-Assisted Source and Receiver Location Estimation
MaxLinear, Inc.	8,798,216	Cerberus Radio
MaxLinear, Inc.	8,816,762	Area-Optimized Analog Filter with Bandwidth Control By A Quantized Scaling
MaxLinear, Inc.	8,817,780	TS Packet Grooming
MaxLinear, Inc.	8,838,057	Harmonic Rejection Mixer Architecture with Reduced Sensitivity to Gain and Phase Mismatches
MaxLinear, Inc.	8,892,225	Wideband Personal-Radio Recorder
MaxLinear, Inc.	8,892,855	Encryption Keys Distribution for Conditional Access Software in TV Receiver SOC
MaxLinear, Inc.	8,897,385	Doppler Estimator For OFDM Systems
MaxLinear, Inc.	8,912,955	Time Synchronization with Ambient
MaxLinear, Inc.	8,917,799	Edge Equalizer
MaxLinear, Inc.	8,935,520	Control Word Obfuscation in Secure TV Receiver

OWNER	REGISTRATION NUMBER	DESCRIPTION
MaxLinear, Inc.	8,952,762	Clock-Out Amplitude Calibration Scheme to Ensure Sine-Wave Clock Out
MaxLinear, Inc.	8,973,070	Channel Change Latency Reduction
MaxLinear, Inc.	8,995,589	Channel Estimation in a Pilot Assisted OFDM System
MaxLinear, Inc.	8665147	GPS Antenna Diversity and Noise Mitigation
MaxLinear, Inc.	9,055,324	FAST RESYNCHRONIZATION FOR RECEPTION IN TIME SLICING
MaxLinear, Inc.	9,059,672	GAIN PARTITIONING IN A RECEIVER
MaxLinear, Inc.	9,071,470	Low-Compexity Digital Radio Interface
MaxLinear, Inc.	9,077,936	Integrated if Saw Filter in Base-Band DIgital Design for Analog TV (Or Hybrid)
MaxLinear, Inc.	9,100,622	Wideband Tuner Architecture
MaxLinear, Inc.	9,177,152	Firmware Authentication and Deciphering for Secure TV Receiver
MaxLinear, Inc.	9124338	Method and Apparatus for Efficient DC Calibration in a Direct-Conversion System with Variable DC Gain
MaxLinear, Inc.	9219936	Conditional Access Integration in a SOC for Mobile TV Applications
MaxLinear, Inc.	9231685	Diversity Blocker Protection
MaxLinear, Inc.	9246719	HIGH DYNAMIC RANGE RADIO ARCHITECTURE WITH ENHANCED IMAGE REJECTION
MaxLinear, Inc.	9252780	TCXO REPLACEMENT FOR GPS
MaxLinear, Inc.	9318813	Signal Processing Block for a Receiver in WIreless Communication
MaxLinear, Inc.	9337911	METHOD AND SYSTEM FOR A LOW-COMPLEXITY SOFT-OUTPUT MIMO DETECTION
MaxLinear, Inc.	9337995	GNSS RECEPTION USING DISTRIBUTED TIME SYNCHRONIZATION
MaxLinear, Inc.	9391813	Long Echo Detection And Channel Estimation for OFDM Systems
MaxLinear, Inc.	9392547	Diversity Receiver
MaxLinear, Inc.	9395445	Intermittent Tracking for GNSS
MaxLinear, Inc.	9432698	TS PACKET GROOMING
MaxLinear, Inc.	9551792	GPS ANTENNA DIVERSITY AND NOISE MITIGATION
MaxLinear, Inc.	8198940	SELF-CALIBRATING GAIN CONTROL SYSTEM
MaxLinear, Inc.	8253488	SELF-CALIBRATING GAIN CONTROL SYSTEM
MaxLinear, Inc.	8285240	HARMONIC REJECT RECEIVER ARCHITECTURE AND MIXER
MaxLinear, Inc.	8374568	HARMONIC REJECT RECEIVER ARCHITECTURE AND MIXER
MaxLinear, Inc.	8374569	HARMONIC REJECT RECEIVER ARCHITECTURE AND MIXER
MaxLinear, Inc.	8374570	HARMONIC REJECT RECEIVER ARCHITECTURE AND MIXER
MaxLinear, Inc.	8427232	SELF-CALIBRATING GAIN CONTROL SYSTEM
MaxLinear, Inc.	8442154	CHANNEL SENSITIVE POWER CONTROL

OWNER	REGISTRATION NUMBER	DESCRIPTION
Entropic Communications, LLC	8451968	PHASE-COUPLED CLOCK SIGNAL GENERATOR AND CHARACTER GENERATOR COMPRISING SUCH A PHASE-COUPLED CLOCK SIGNAL GENERATOR
MaxLinear, Inc.	8466850	METHOD AND SYSTEM FOR MULTI-SERVICE RECEPTION
MaxLinear, Inc.	8472912	LOW-COMPLEXITY DIVERSITY USING PREEQUALIZATION
MaxLinear, Inc.	8488663	IMPULSE NOISE MITIGATION UNDER OUT-OF-BAND INTERFERENCE CONDITIONS
MaxLinear, Inc.	8548034	METHODS AND APPARATUS FOR INTELLIGENT POWER REDUCTION IN COMMUNICATIONS SYSTEMS
MaxLinear, Inc.	8548075	APPARATUS AND METHODS FOR SYMBOL TIMING ERROR DETECTION, TRACKING AND CORRECTION
MaxLinear, Inc.	8548411	LOW-COMPLEXITY DIVERSITY RECEPTION
MaxLinear, Inc.	8599050	METHOD AND SYSTEM FOR BROADBAND ANALOG TO DIGITAL CONVERTER TECHNOLOGY
The DirecTV Group, Inc. and Entropic Communications, LLC	8611218	VARIABLE PHY MARGIN TO COMBAT INGRESS NOISE
MaxLinear, Inc.	8611483	MULTI-LAYER TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTOR (ADC)
MaxLinear, Inc.	8615780	METHOD AND SYSTEM FOR AN INTERNET PROTOCOL LNB SUPPORTING POSITIONING
MaxLinear, Inc.	8681900	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL COMMUNICATION SYSTEMS
MaxLinear, Inc.	8687478	METHOD AND APPARATUS FOR BAND SEPARATION FOR MULTIBAND COMMUNICATION SYSTEMS
MaxLinear, Inc.	8687535	METHOD AND SYSTEM FOR SERVER-SIDE HANDLING OF A LOW-POWER CLIENT IN A WIDE AREA NETWORK
MaxLinear, Inc.	8688064	LOW-COMPLEXITY DIVERSITY RECEPTION
MaxLinear, Inc.	8705298	METHOD AND APPARATUS FOR MEMORY FAULT TOLERANCE
MaxLinear, Inc.	8707371	METHOD AND SYSTEM FOR AN INTERNET PROTOCOL LNB SUPPORTING POSITIONING
MaxLinear, Inc.	8711750	METHOD AND SYSTEM FOR A LOW-POWER CLIENT IN A WIDE AREA NETWORK
MaxLinear, Inc.	8713609	METHOD AND APPARATUS FOR COMMUNICATING ELECTRONIC SERVICE GUIDE INFORMATION IN A SATELLITE TELEVISION SYSTEM
MaxLinear, Inc.	8725104	METHOD AND APPARATUS FOR AN ENERGY-EFFICIENT RECEIVER
MaxLinear, Inc.	8738034	METHOD AND SYSTEM FOR GLOBAL NAVIGATION SATELLITE SYSTEM CONFIGURATION OF WIRELESS COMMUNICATION APPLICATIONS
MaxLinear, Inc.	8767554	METHOD AND SYSTEM FOR OPTIMIZING BANDWIDTH UTILIZATION IN AN IN-HOME NETWORK
MaxLinear, Inc.	8775851	METHOD AND SYSTEM FOR PRECISE TEMPERATURE AND TIMEBASE PPM ERROR ESTIMATION USING MULTIPLE TIMEBASES
MaxLinear, Inc.	8787283	METHOD AND SYSTEM FOR PROVIDING REDUCED BANDWIDTH ACQUISTION LATENCY

OWNER	REGISTRATION NUMBER	DESCRIPTION
MaxLinear, Inc.	8788728	METHOD AND SYSTEM FOR A BUFFER STATE BASED LOW POWER MODE IN A MOCA NETWORK
MaxLinear, Inc.	8791757	SELF-CALIBRATING GAIN CONTROL SYSTEM
MaxLinear, Inc.	8792008	METHOD AND APPARATUS FOR SPECTRUM MONITORING
MaxLinear, Inc.	8792543	IMPULSE NOISE MITIGATION UNDER OUT-OF-BAND INTERFERENCE CONDITIONS
MaxLinear, Inc.	8797220	METHOD AND SYSTEM FOR MULTI-SERVICE RECEPTION
MaxLinear, Inc.	8797813	METHOD AND APPARATUS FOR MEMORY POWER AND/OR AREA REDUCTION
MaxLinear, Inc.	8798211	CHANNEL-SENSITIVE POWER CONTROL
MaxLinear, Inc.	8799964	METHOD AND SYSTEM FOR INTEGRATED STACKING FOR HANDLING CHANNEL STACKING OR BAND STACKING
MaxLinear, Inc.	8806044	METHOD AND SYSTEM FOR CROSS-PROTOCOL TIME SYNCHRONIZATION
MaxLinear, Inc.	8813135	METHOD AND SYSTEM FOR PROVIDING A HOME CABLE NETWORK
MaxLinear, Inc.	8817834	METHOD AND SYSTEM FOR I/Q MISMATCH CALIBRATION AND COMPENSATION FOR WIDEBAND COMMUNICATION RECEIVERS
MaxLinear, Inc.	8892926	SYSTEM AND METHOD FOR PROVIDING POWER-SAVE OPERATION IN AN IN-HOME COMMUNICATION NETWORK
MaxLinear, Inc.	8897086	METHOD AND APPARATUS FOR MEMORY FAULT TOLERANCE
MaxLinear, Inc.	8897157	METHOD AND APPARATUS FOR PROVIDING CONDITIONAL ACCESS BASED ON CHANNEL CHARACTERISTICS
MaxLinear, Inc.	8908914	METHOD AND SYSTEM FOR MAP GENERATION FOR LOCATION AND NAVIGATION WITH USER SHARING/SOCIAL NETWORKING
MaxLinear, Inc.	8909187	HARMONIC REJECT RECEIVER ARCHITECTURE AND MIXER
MaxLinear, Inc.	8909819	METHOD AND SYSTEM FOR MULTI-PATH VIDEO AND NETWORK CHANNELS
MaxLinear, Inc.	8922415	METHOD AND SYSTEM FOR ASYNCHRONOUS SUCCESSIVE APPROXIMATION REGISTER (SAR) ANALOG-TO-DIGITAL CONVERTERS (ADCS)
MaxLinear, Inc.	8928506	SUCCESSIVE APPROXIMATION ANALOG-TO-DIGITAL CONVERTER (ADC) WITH DYNAMIC SEARCH ALGORITHM
MaxLinear, Inc.	8928507	METHOD AND SYSTEM FOR TIME INTERLEAVED ANALOG-TO-DIGITAL CONVERTER TIMING MISMATCH ESTIMATION AND COMPENSATION
MaxLinear, Inc.	8929278	METHOD AND APPARATUS FOR CONTENT PROTECTION AND BILLING FOR MOBILE DELIVERY OF SATELLITE CONTENT
MaxLinear, Inc.	8934590	SIGNAL RECEIVER WITH MULTI-LEVEL SAMPLING
MaxLinear, Inc.	8938231	METHOD AND SYSTEM FOR FEMTOCELL POSITIONING USING LOW EARTH ORBIT SATELLITE SIGNALS
MaxLinear, Inc.	8949907	METHOD AND SYSTEM FOR PROVIDING A HOME CABLE NETWORK

OWNER	REGISTRATION NUMBER	DESCRIPTION
MaxLinear, Inc.	8964903	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL COMMUNICATION SYSTEMS
MaxLinear, Inc.	8981977	SYSTEM AND METHOD FOR LOW-POWER DIGITAL SIGNAL PROCESSING
MaxLinear, Inc.	8981982	MULTI-ZONE DATA CONVERTERS
MaxLinear, Inc.	8990864	METHOD AND SYSTEM FOR RECEIVER CONFIGURATION BASED ON A PRIORI KNOWLEDGE OF NOISE
MaxLinear, Inc.	9008119	METHOD AND SYSTEM FOR SERIALIZATION AND DESERIALIZATION (SERDES) FOR INTER-SYSTEM COMMUNICATIONS
MaxLinear, Inc.	9008571	METHOD AND SYSTEM FOR A SINGLE FREQUENCY NETWORK FOR BROADCASTING TO MOBILE DEVICE
MaxLinear, Inc.	9014649	LOW-COMPLEXITY DIVERSITY RECEPTION
MaxLinear, Inc.	9020054	APPARATUS & METHODS FOR SYMBOL TIMING ERROR DETECTION, TRACKING AND CORRECTION
MaxLinear, Inc.	9026118	MULTI-STANDARD COVERAGE MAP GENERATION
MaxLinear, Inc.	9042433	METHODS AND APPARATUS FOR INTELLIGENT POWER REDUCTION IN COMMUNICATIONS SYSTEMS
MaxLinear, Inc.	9042463	METHOD AND SYSTEM FOR ADAPTIVE GUARD INTERVAL (GI) COMBINING
MaxLinear, Inc.	9042851	METHOD AND APPARATUS FOR AN ENERGY-EFFICIENT RECEIVER
MaxLinear, Inc.	9043855	NOISE SUPPRESSION IN A HYBRID FIBER COAXIAL NETWORK
MaxLinear, Inc.	9049491	METHOD AND SYSTEM FOR POWER MANAGEMENT IN A FREQUENCY DIVISION MULTIPLEXED NETWORK
MaxLinear, Inc.	9055329	SYSTEM AND METHOD IN A BROADBAND RECEIVER FOR EFFICIENTLY RECEIVING AND PROCESSING SIGNALS
MaxLinear, Inc.	9055405	METHOD AND SYSTEM FOR A MESH NETWORK OF SATELLITE RECEPTION ASSEMBLIES
MaxLinear, Inc.	9077429	METHOD AND SYSTEM FOR REPURPOSING OF A GLOBAL NAVIGATION SATELLITE SYSTEM RECEIVER FOR RECEIVING LOW-EARTH ORBIT COMMUNICATION SATELLITE SIGNALS
MaxLinear, Inc.	9078100	MODULAR, EXPANDABLE SYSTEM FOR DATA RECEPTION AND DISTRIBUTION
MaxLinear, Inc.	9083376	SUCCESSIVE APPROXIMATION REGISTER ANALOG-TO-DIGITAL CONVERTER
MaxLinear, Inc.	9094036	METHOD AND SYSTEM FOR BROADBAND ANALOG TO DIGITAL CONVERTER TECHNOLOGY
MaxLinear, Inc.	9094269	PEAK TO AVERAGE POWER RATIO SUPRESSION
MaxLinear, Inc.	9100088	METHOD AND SYSTEM FOR GUARD BAND DETECTION AND FREQUENCY OFFSET DETECTION
MaxLinear, Inc.	9100622	WIDEBAND TUNER ARCHITECTURE
MaxLinear, Inc.	9100666	METHOD AND SYSTEM FOR PROVIDING A HOME CABLE NETWORK
MaxLinear, Inc.	9106244	LOCALIZED DYNAMIC ELEMENT MATCHING AND DYNAMIC NOISE SCALING IN DIGITAL-TO-ANALOG CONVERTERS (DACS)
MaxLinear, Inc.	9113302	METHOD AND SYSTEM FOR MOBILE DELIVERY OF BROADCAST CONTENT

OWNER	REGISTRATION NUMBER	DESCRIPTION
MaxLinear, Inc.	9113410	METHOD AND SYSTEM FOR SERVER-SIDE HANDLING OF A LOW-POWER CLIENT IN A WIDE AREA NETWORK
MaxLinear, Inc.	9124291	METHOD AND SYSTEM FOR ASYNCHRONOUS SUCCESSIVE APPROXIMATION ANALOG-TO-DIGITAL CONVERTER (ADC) ARCHITECTURE
MaxLinear, Inc.	9124294	SUCCESSIVE APPROXIMATION ANALOG-TO-DIGITAL CONVERTER (ADC) WITH DYNAMIC SEARCH ALGORITHM
MaxLinear, Inc.	9124339	LOOP-THROUGH FOR MULTI-CHIP COMMUNICATION SYSTEMS
MaxLinear, Inc.	9124925	SYSTEM AND METHOD FOR CONDITIONAL ACCESS IN AN IN-HOME NETWORK BASED ON MULTI-NETWORK COMMUNICATION
MaxLinear, Inc.	9125185	METHOD AND SYSTEM FOR WIFI ACCESS POINT UTILIZING FULL SPECTRUM CAPTURE
MaxLinear, Inc.	9131265	METHOD AND SYSTEM FOR PROVIDING SATELLITE TELEVISION SERVICE TO A PREMISES
MaxLinear, Inc.	9136859	METHOD AND SYSTEM FOR ASYNCHRONOUS SUCCESSIVE APPROXIMATION REGISTER (SAR) ANALOG-TO-DIGITAL CONVERTERS (ADCS)
MaxLinear, Inc.	9148160	DYNAMIC POWER SWITCHING IN CURRENT-STEERING DACS
MaxLinear, Inc.	9148182	POWER COMBINING POWER AMPLIFIER ARCHITECTURES AND METHODS
MaxLinear, Inc.	9151843	METHOD AND SYSTEM FOR INDOOR GLOBAL NAVIGATION SATELLITE SYSTEM DETECTION UTILIZING LOW-EARTH ORBIT SATELLITE SIGNALS
MaxLinear, Inc.	9153310	DYNAMIC RANDOM ACCESS MEMORY FOR COMMUNICATIONS SYSTEMS
MaxLinear, Inc.	9154154	METHOD AND SYSTEM FOR A LOW INPUT VOLTAGE LOW IMPEDANCE TERMINATION STAGE FOR CURRENT INPUTS
MaxLinear, Inc.	9160390	METHOD AND SYSTEM FOR IMPAIRMENT SHIFTING
MaxLinear, Inc.	9160468	METHOD AND SYSTEM FOR RECONFIGURABLE TIME-INTERLEAVED ADC FOR DIRECT CONVERSION K-BAND AND L-BAND I/Q
MaxLinear, Inc.	9165677	METHOD AND APPARATUS FOR MEMORY FAULT TOLERANCE
MaxLinear, Inc.	9166606	REFERENCE-FREQUENCY-INSENSITIVE PHASE LOCKED LOOP
MaxLinear, Inc.	9166637	IMPULSE NOISE MITIGATION UNDER OUT-OF-BAND INTERFERENCE CONDITIONS
MaxLinear, Inc.	9172386	METHOD AND SYSTEM FOR TIME INTERLEAVED ANALOG-TO-DIGITAL CONVERTER TIMING MISMATCH ESTIMATION AND COMPENSATION
MaxLinear, Inc.	9178526	MULTI-ZONE DATA CONVERTERS
MaxLinear, Inc.	9178765	METHOD AND SYSTEM FOR A HIGH CAPACITY CABLE NETWORK
MaxLinear, Inc.	9179437	METHOD AND SYSTEM FOR FEMTOCELL POSITIONING USING LOW EARTH ORBIT SATELLITE SIGNALS

OWNER	REGISTRATION NUMBER	DESCRIPTION
MaxLinear, Inc.	9184976	METHOD AND SYSTEM FOR I/Q MISMATCH CALIBRATION AND COMPENSATION FOR WIDEBAND COMMUNICATION RECEIVERS
MaxLinear, Inc.	9191183	USING DECISION FEEDBACK PHASE ERROR CORRECTION
MaxLinear, Inc.	9191778	METHOD AND SYSTEM FOR GLOBAL NAVIGATION SATELLITE SYSTEM CONFIGURATION OF WIRELESS COMMUNICATION APPLICATIONS
MaxLinear, Inc.	9197239	METHOD AND SYSTEM FOR ANALOG-TO-DIGITAL CONVERTER WITH NEAR-CONSTANT COMMON MODE VOLTAGE
MaxLinear, Inc.	9203535	CONFIGURABLE, HIGHLY-INTEGRATED SATELLITE RECEIVER
MaxLinear, Inc.	9203653	METHOD AND APPARATUS FOR SPECTRUM MONITORING
MaxLinear, Inc.	9204087	METHOD AND SYSTEM FOR INTERFERENCE AVOIDANCE IN A MULTIPROTOCOL COMMUNICATION SYSTEM
MaxLinear, Inc.	9209238	METHOD AND SYSTEM FOR IMPROVED MATCHING FOR ON-CHIP CAPACITORS
MaxLinear, Inc.	9209852	MODULAR MICROWAVE BACKHAUL OUTDOOR UNIT
MaxLinear, Inc.	9210362	WIDEBAND TUNER ARCHITECTURE
MaxLinear, Inc.	9210363	WIDEBAND TUNER ARCHITECTURE
MaxLinear, Inc.	9213593	EFFICIENT MEMORY ARCHITECTURE FOR LOW DENSITY PARITY CHECK DECODING
MaxLinear, Inc.	9223382	SYSTEM AND METHOD FOR PROVIDING POWER-SAVE OPERATION IN AN IN-HOME COMMUNICATION NETWORK
MaxLinear, Inc.	9225426	ADVANCED FIBER NODE
MaxLinear, Inc.	9232262	MULTI-PATH VIDEO AND NETWORK CHANNELS
MaxLinear, Inc.	9246718	NON-COHERENT MULTI-SYMBOL-DELAY DIFFERENTIAL DETECTOR
MaxLinear, Inc.	9247274	FLEXIBLE CHANNEL STACKING
MaxLinear, Inc.	9252798	METHOD AND SYSTEM FOR BROADBAND ANALOG TO DIGITAL CONVERTER TECHNOLOGY
MaxLinear, Inc.	9253607	METHOD AND SYSTEM FOR LOCATION DETERMINATION AND NAVIGATION USING TEXTUAL INFORMATION
MaxLinear, Inc.	9258621	METHOD AND SYSTEM FOR MULTI-SERVICE RECEPTION
MaxLinear, Inc.	9264742	METHOD AND SYSTEM FOR PROVIDING A HOME CABLE NETWORK
MaxLinear, Inc.	9270310	INTERFERENCE CANCELLATION IN MICROWAVE BACKHAUL SYSTEMS
MaxLinear, Inc.	9277357	METHOD AND SYSTEM FOR MAP GENERATION FOR LOCATION AND NAVIGATION WITH USER SHARING/SOCIAL NETWORKING
MaxLinear, Inc.	9277536	METHOD AND SYSTEM FOR WIFI COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE
MaxLinear, Inc.	9282379	SYSTEM AND METHOD IN A BROADBAND RECEIVER FOR EFFICIENTLY RECEIVING AND PROCESSING SIGNALS
MaxLinear, Inc.	9294117	METHOD AND SYSTEM FOR GAIN CONTROL FOR TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTOR (ADC)
MaxLinear, Inc.	9294129	LOW-POWER LOW DENSITY PARITY CHECK DECODING

OWNER	REGISTRATION NUMBER	DESCRIPTION
MaxLinear, Inc.	9294592	METHOD AND SYSTEM FOR SERIALIZATION AND DESERIALIZATION (SERDES) FOR INTER-SYSTEM COMMUNICATIONS
MaxLinear, Inc.	9306595	SYSTEM AND METHOD FOR LOW-POWER DIGITAL SIGNAL PROCESSING
MaxLinear, Inc.	9306684	METHOD AND SYSTEM FOR CACHING CONTENT FOR MOBILE DISTRIBUTION
MaxLinear, Inc.	9312821	METHOD AND SYSTEM FOR A CONFIGURABLE LOW-NOISE AMPLIFIER WITH PROGRAMMABLE BAND-SELECTION FILTERS
MaxLinear, Inc.	9320019	METHOD AND SYSTEM FOR CHANNEL ALLOCATION AND BANDWIDTH MANAGEMENT IN A WIFI DEVICE THAT UTILIZES FULL SPECTRUM CAPTURE
MaxLinear, Inc.	9326090	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING SCREEN AND APPLICATION SHARING
MaxLinear, Inc.	9326101	METHOD AND SYSTEM FOR AN INTERNET PROTOCOL LNB SUPPORTING POSITIONING
MaxLinear, Inc.	9331725	METHOD AND SYSTEM FOR CREST FACTOR REDUCTION
MaxLinear, Inc.	9337859	METHOD AND SYSTEM FOR ASYNCHRONOUS SUCCESSIVE APPROXIMATION ANALOG-TO-DIGITAL CONVERTER (ADC) ARCHITECTURE
MaxLinear, Inc.	9338661	SPATIAL ROUTING AMONG MICROWAVE BACKHAUL TRANSCEIVERS
MaxLinear, Inc.	9344961	METHOD AND SYSTEM FOR CLIENT-SIDE MESSAGE HANDLING IN A LOW-POWER WIDE AREA NETWORK
MaxLinear, Inc.	9362941	SUCCESSIVE APPROXIMATION REGISTER ANALOG-TO-DIGITAL CONVERTER
MaxLinear, Inc.	9362965	PHASE NOISE SUPPRESSION
MaxLinear, Inc.	9363689	COORDINATED ACCESS AND BACKHAUL NETWORKS
MaxLinear, Inc.	9380348	HYBRID REDUNDANCY FOR ELECTRONIC NETWORKS
MaxLinear, Inc.	9384891	METHOD AND SYSTEM FOR A METAL FINGER CAPACITOR WITH A TRIPLET REPEATING SEQUENCE INCORPORATING A METAL UNDERPASS
MaxLinear, Inc.	9391689	METHOD AND SYSTEM FOR A MESH NETWORK OF SATELLITE RECEPTION ASSEMBLIES
MaxLinear, Inc.	9391767	APPARATUS & METHODS FOR SYMBOL TIMING ERROR DETECTION, TRACKING AND CORRECTION
MaxLinear, Inc.	9391822	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL COMMUNICATION SYSTEMS
MaxLinear, Inc.	9395188	METHOD AND SYSTEM FOR LOCATION DETERMINATION AND NAVIGATION USING STRUCTURAL VISUAL INFORMATION
MaxLinear, Inc.	9397678	LOCALIZED DYNAMIC ELEMENT MATCHING AND DYNAMIC NOISE SCALING IN DIGITAL-TO-ANALOG CONVERTERS (DACS)
MaxLinear, Inc.	9397686	METHOD AND SYSTEM FOR A LOW INPUT VOLTAGE LOW IMPEDANCE TERMINATION STAGE FOR CURRENT INPUTS
MaxLinear, Inc.	9397955	METHOD AND SYSTEM FOR AN ANALOG CROSSBAR ARCHITECTURE

OWNER	REGISTRATION NUMBER	DESCRIPTION
MaxLinear, Inc.	9413378	METHOD AND SYSTEM FOR ASYNCHRONOUS SUCCESSIVE APPROXIMATION REGISTER (SAR) ANALOG-TO-DIGITAL CONVERTERS (ADCS)
MaxLinear, Inc.	9414184	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION (BNC) UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING BRIDGING ACROSS WALL
MaxLinear, Inc.	9419569	METHOD AND SYSTEM FOR A PSEUDO-DIFFERENTIAL LOW-NOISE AMPLIFIER AT KU-BAND
MaxLinear, Inc.	9419661	IMPULSE NOISE MITIGATION UNDER OUT-OF-BAND INTERFERENCE CONDITIONS
MaxLinear, Inc.	9419858	METHOD AND SYSTEM FOR SERVICE GROUP MANAGEMENT IN A CABLE NETWORK
MaxLinear, Inc.	9420345	METHOD AND SYSTEM FOR POWER MANAGEMENT IN A FREQUENCY DIVISION MULTIPLEXED NETWORK
MaxLinear, Inc.	9425887	METHOD AND SYSTEM FOR MOBILE DELIVERY OF BROADCAST CONTENT
MaxLinear, Inc.	9426734	METHOD AND SYSTEM FOR A LOW-POWER CLIENT IN A WIDE AREA NETWORK
MaxLinear, Inc.	9429658	METHOD AND SYSTEM FOR A DUAL MODE GLOBAL NAVIGATION SATELLITE SYSTEM
MaxLinear, Inc.	9432104	LOW-COMPLEXITY DIVERSITY RECEPTION
MaxLinear, Inc.	9436271	SYSTEM AND METHOD FOR PROVIDING POWER-SAVE OPERATION IN AN IN-HOME COMMUNICATION NETWORK
MaxLinear, Inc.	9438457	PEAK TO AVERAGE POWER RATIO SUPRESSION
MaxLinear, Inc.	9444485	SUCCESSIVE APPROXIMATION ANALOG-TO-DIGITAL CONVERTER (ADC) WITH DYNAMIC SEARCH ALGORITHM
MaxLinear, Inc.	9445149	METHOD AND APPARATUS FOR BAND SEPARATION FOR MULTIBAND COMMUNICATION SYSTEMS
MaxLinear, Inc.	9456431	PRECISE TEMPERATURE AND TIMEBASE PPM ERROR ESTIMATION USING MULTIPLE TIMEBASES
MaxLinear, Inc.	9461651	DETECTION AND COMPENSATION OF DIELECTRIC RESONATOR OSCILLATOR FREQUENCY DRIFT
MaxLinear, Inc.	9461666	DYNAMIC POWER SWITCHING IN CURRENT-STEERING DACS
MaxLinear, Inc.	9461742	FEEDBACK-BASED CONFIGURATION OF A HYBRID FIBER-COAXIAL NETWORK
MaxLinear, Inc.	9484975	MODULAR MICROWAVE BACKHAUL OUTDOOR UNIT
MaxLinear, Inc.	9484986	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION
MaxLinear, Inc.	9490972	METHOD AND APPARATUS FOR PROVIDING CONDITIONAL ACCESS BASED ON CHANNEL CHARACTERISTICS
MaxLinear, Inc.	9494692	METHOD AND SYSTEM FOR POWER OPTIMIZATION FOR A GLOBAL NAVIGATION SATELLITE SYSTEM
MaxLinear, Inc.	9503137	INTERFERENCE CANCELLATION IN MICROWAVE BACKHAUL SYSTEMS
MaxLinear, Inc.	9509340	LOW-POWER LOW DENSITY PARITY CHECK DECODING
MaxLinear, Inc.	9509405	MULTI-MODE FIBER NODE

OWNER	REGISTRATION NUMBER	DESCRIPTION
MaxLinear, Inc.	9509422	CONFIGURABLE, HIGHLY-INTEGRATED SATELLITE RECEIVER
MaxLinear, Inc.	9531419	LOOP-THROUGH FOR MULTI-CHIP COMMUNICATION SYSTEMS
MaxLinear, Inc.	9537494	REFERENCE-FREQUENCY-INSENSITIVE PHASE LOCKED LOOP
MaxLinear, Inc.	9537498	METHOD AND SYSTEM FOR CHARGE COMPENSATION FOR SWITCHED-CAPACITOR CIRCUITS
MaxLinear, Inc.	9537503	METHOD AND SYSTEM FOR ASYNCHRONOUS SUCCESSIVE APPROXIMATION ANALOG-TO-DIGITAL CONVERTER (ADC) ARCHITECTURE
MaxLinear, Inc.	9543973	MULTI-ZONE DATA CONVERTERS
MaxLinear, Inc.	9544076	METHOD AND SYSTEM FOR TUNABLE UPSTREAM BANDWIDTH UTILIZING AN INTEGRATED MULTIPLEXING DEVICE
MaxLinear, Inc.	9548542	MILLIMETER WAVE SPATIAL CROSSBAR FOR A MILLIMETER-WAVE-CONNECTED DATA CENTER
MaxLinear, Inc.	9549222	NOISE SUPPRESSION IN A HYBRID FIBER COAXIAL NETWORK UTILIZING SELECTIVE EVABLING/DISABLING OF SIGNAL PATHS
MaxLinear, Inc.	9559835	SIGNAL RECEIVER WITH MULTI-LEVEL SAMPLING
MaxLinear, Inc.	9559983	METHOD AND SYSTEM FOR A WIDE-BANDWIDTH, ON-PREMISES NETWORK
MaxLinear, Inc.	9560477	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING SCREEN AND APPLICATION SHARING
MaxLinear, Inc.	9565038	NON-COHERENT MULTI-SYMBOL-DELAY DIFFERENTIAL DETECTOR
MaxLinear, Inc.	9565464	METHOD AND SYSTEM FOR MULTI-PATH VIDEO AND NETWORK CHANNELS
MaxLinear, Inc.	9571779	METHOD AND SYSTEM FOR DIVERSITY COMBINING FOR HIGH-PERFORMANCE SIGNAL RECEPTION
MaxLinear, Inc.	9571885	METHOD AND APPARATUS FOR AN ENERGY-EFFICIENT RECEIVER
MaxLinear, Inc.	9572043	SPATIAL ROUTING AMONG MICROWAVE BACKHAUL TRANSCEIVERS
MaxLinear, Inc.	9576614	METHOD AND APPARATUS FOR MEMORY POWER AND/OR AREA REDUCTION
MaxLinear, Inc.	9577655	METHOD AND SYSTEM FOR TIME INTERLEAVED ANALOG-TO-DIGITAL CONVERTER TIMING MISMATCH ESTIMATION AND COMPENSATION
MaxLinear, Inc.	9577886	METHOD AND SYSTEM FOR SERVICE GROUP MANAGEMENT IN A CABLE NETWORK
MaxLinear, Inc.	9578383	METHOD AND APPARATUS FOR COMMUNICATING ELECTRONIC SERVICE GUIDE INFORMATION IN A SATELLITE TELEVISION SYSTEM
MaxLinear, Inc.	9584112	METHOD AND SYSTEM FOR RELIABLE BOOTSTRAPPING SWITCHES
MaxLinear, Inc.	9609599	CHANNEL-SENSITIVE POWER CONTROL

OWNER	REGISTRATION NUMBER	DESCRIPTION
MaxLinear, Inc.	9614539	SUCCESSIVE-APPROXIMATION REGISTER (SAR) ANALOG-TO-DIGITAL CONVERTER (ADC) WITH ULTRA LOW BURST ERROR RATE
MaxLinear, Inc.	9621117	METHOD AND SYSTEM FOR A CONFIGURABLE LOW-NOISE AMPLIFIER WITH PROGRAMMABLE BAND-SELECTION FILTERS
MaxLinear, Inc.	9621199	POWER COMBINING POWER AMPLIFIER ARCHITECTURES AND METHODS
MaxLinear, Inc.	9621367	METHOD AND SYSTEM FOR A HIGH CAPACITY CABLE NETWORK
MaxLinear, Inc.	9634701	PHASE NOISE SUPPRESSION
MaxLinear, Inc.	9634754	METHOD AND SYSTEM FOR AN INTERNET PROTOCOL LNB SUPPORTING POSITIONING
MaxLinear, Inc.	9634755	METHOD AND SYSTEM FOR FEMTOCELL POSITIONING USING LOW EARTH ORBIT SATELLITE SIGNALS
MaxLinear, Inc.	9635310	BAND TRANSLATION WITH PROTECTION OF IN-HOME NETWORKS

United States Patent Applications:

OWNER	APPLICATION NUMBER	DESCRIPTION
EXAR CORPORATION	15/474,791	ADAPTIVE BODY BIASING IN CMOS CIRCUITS TO EXTEND THE INPUT COMMON MODE OPERATING RANGE
Entropic Communications, LLC	11/197561	SYSTEM AND METHOD FOR PROTECTING DATA STORED IN THE CONTROL REGISTERS OF AN INTEGRATED CIRCUIT
Entropic Communications, LLC	12/027202	WAVE MECHANISM FOR MOCA NETWORK
Entropic Communications, LLC	12/139877	METHOD FOR PROCESSING AN IMAGE SEQUENCE HAVING CONSECUTIVE VIDEO IMAGES IN ORDER TO IMPROVE THE SPATIAL RESOLUTION
Entropic Communications, LLC	12/889967	REAL TIME MULTIPLEXED TRANSMITTER ANTENNA ARRAY ELEMENTS.
Entropic Communications, LLC	12/895312	ARCHITECTURE OF STATIC QOS SYSTEM.
Entropic Communications, LLC	13/099079	FREQUENCY SCANNING FOR FORMATION OF COMMUNICATION NETWORK OF NODES

OWNER	APPLICATION NUMBER	DESCRIPTION
Entropic Communications, LLC	13/121347	PROFILE FOR FRAME RATE CONVERSION
Entropic Communications, LLC	13/584541	METHOD FOR SELECTING FREQUENCY BANDS IN A NETWORK DEVICE FOR MULTIPLE HOME NET-WORKS
Entropic Communications, LLC	14/178603	SUB-CHANNELS
Entropic Communications, LLC	14/285503	METHOD AND SYSTEM FOR INTERFERENCE DETECTION AND MITIGATION
Entropic Communications, LLC	14/290066	COGNITIVE ENERGY SAVING METHOD AND APPARATUS
Entropic Communications, LLC	14/292321	METHOD AND APPARATUS FOR PROVIDING STANDBY POWER TO AN INTERGRATED CIRCUIT
Entropic Communications, LLC	14/302152	USB TO COAX BRIDGE
Entropic Communications, LLC	14/383623	METHOD AND APPARATUS FOR UNIFYING AN EPON ACCESS NETWORK AND A COAX-BASED ACCESS NETWORK
Entropic Communications, LLC	14/386460	METHOD AND APPARATUS FOR IMPLEMENTING TRAFFIC FLAGS FOR LARGE SERVICE GROUPS
Entropic Communications, LLC	14/394800	PROGRESSIVE MODULATION FOR DOWNSTREAM ACCESS
Entropic Communications, LLC	14/509905	SYSTEMS AND METHODS FOR FLOW CONTROL AND QUALITY OF SERVICE
Entropic Communications, LLC	14/511997	COMMUNICATION SYSTEM WITH EXPANDABLE CAPACITY
Entropic Communications, Inc.	14/577000 (Abandoned)	MULTI-BAND TRANSCEIVE FRONT-END ARCHITECTURE WITH REDUCED SWITCH INSERTION LOSS

OWNER	APPLICATION NUMBER	DESCRIPTION
Entropic Communications, LLC	14/575638	APPARATUSES AND METHODS FOR CONVERSION OF RADIO FREQUENCY (RF) SIGNALS TO INTERMEDIATE FREQUENCY (IF) SIGNALS
Entropic Communications, LLC	14/677475	SINGLE-CABLE AUTOMATIC IRD INSTALLATION PROCEDURE
Entropic Communications, LLC	14/753317	METHOD AND APPARATUS FOR CROSS POLARIZATION AND CROSS SATELLITE INTERFERENCE CANCELLATION
Entropic Communications, LLC	14/774845	SYNCHRONIZED MULTI-CHANNEL ACCESS SYSTEM
Entropic Communications, LLC	14/788548	SWITCHABLE DIPLEXER WITH PHYSICAL LAYOUT TO PROVIDE IMPROVED ISOLATION
Entropic Communications, LLC	14/797249	DEVICE AND METHOD FOR MOTION ESTIMATION AND COMPENSATION
Entropic Communications, LLC	14/801149	METHOD AND APPARATUS FOR LAYER 2 DISCOVERY IN A MANAGED SHARED NETWORK
MaxLinear, Inc.	14/808193	METHOD AND APPARATUS FOR MOCA NETWORK WITH PROTECTED SET-UP
Entropic Communications, LLC	14/816346	SYSTEMS AND METHODS FOR DETERMINING THE NUMBER OF CHANNEL ESTIMATION SYMBOLS BASED ON THE CHANNEL COHERENCE BANDWIDTH
MaxLinear, Inc.	14/824792	METHOD AND APPARATUS FOR PRE-ADMISSION MESSAGING IN A MOCA NETWORK
MaxLinear, Inc.	14/824915	METHOD AND APPARATUS FOR ADMISSION TO A MoCA NETWORK
MaxLinear, Inc.	14/824973	METHOD AND APPARATUS FOR DETERMINING MOCA BEACON TRANSMIT POWER
Entropic Communications, LLC	14/826288	LOW-RESOLUTION VIDEO CODING CONTENT EXTRACTION

OWNER	APPLICATION NUMBER	DESCRIPTION
Entropic Communications, LLC	14/829036	BROADBAND CABLE NETWORK UTLIZING COMMN BIT-LOADING
Entropic Communications, LLC	14/838028	METHOD AND APPARATUS FOR DIGITIZATION OF BROADBAND ANALOG SIGNALS
MaxLinear, Inc.	14/839532	METHOD AND APPARATUS FOR PROVIDING A HIGH SECURITY MODE IN A NETWORK
MaxLinear, Inc.	14/857453	METHOD AND APPARATUS FOR MOCA NETWORK WITH PROTECTED SET-UP
Entropic Communications, LLC	14/877598	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK.
Entropic Communications, LLC	14/882937	SIGNAL DISTRIBUTION SYSTEM CASCADABLE AGC DEVICE AND METHOD
Entropic Communications, LLC	14/908645	METHOD AND APPARATUS FOR COMBINED ACCESS NETWORK AND HOME NETWORK USING A DUAL-ROLE DEVICE
MaxLinear, Inc.	14/921667	METHOD AND APPARATUS FOR MOCA NETWORK WITH PROTECTED SET-UP
MaxLinear, Inc.	14/932438	QUADRICORRELATOR CARRIER FREQUENCY TRACKING
Entropic Communications, LLC	14/933821	SOFTWARE UPGRADE USING LAYER-2 MANAGEMENT ENTITY MESSAGING
MaxLinear, Inc.	14/935239	METHOD AND SYSTEM FOR MULTI-BAND TRANSCEIVER FRONT-END ARCHITECTURE WITH REDUCED SWITCH INSERTION LOSS
Entropic Communications, LLC	14/947612	METHOD AND SYSTEM FOR AN ADAPTIVE LOW-DROPOUT REGULATOR
Entropic Communications, LLC	14/960498	SYSTEMS AND METHODS FOR PROBING WIRED COMMUNICATION

OWNER	APPLICATION NUMBER	DESCRIPTION
Entropic Communications, LLC	14/978049	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
Entropic Communications, LLC	15/001718	LDPC CODE MATRICES
Entropic Communications, LLC	15/001906	SYSTEM AND METHOD FOR REDUCING INTRA-CHANNEL INTERFERENCE
Entropic Communications, LLC	15/022349	DIGITALLY CONTROLLED OSCILLATOR
Entropic Communications, LLC	15/023141	PARALLEL DECODE OF A PROGRESSIVE JPEG BITSTREAM
Entropic Communications, Inc.	15/030751	DEVICE AND METHOD FOR MANAGING POWER AND DETERMINING NETWORK PRESENCE
Entropic Communications, LLC	15/037931	DEVICE AND METHOD FOR AUTOMATIC NETWORK DETECTION AND FORMATION
Entropic Communications, LLC	15/037955	METHODS AND SYSTEMS FOR POWER MANAGEMENT IN COMMUNICATION DEVICES BASED ON CABLE CONNECTIVITY
Entropic Communications, LLC	15/045674	NODE-BASED QUALITY-OF-SERVICE MANAGEMENT
Entropic Communications, LLC	15/083816	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
Entropic Communications, LLC	15/096973	METHOD AND APPARATUS FOR SPECTRUM SPREADING OF A PULSE-DENSITY MODULATED WAVEFORM
Entropic Communications, LLC	15/155860	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWIITCHES
Entropic Communications, LLC	15/156389	METHOD FOR EFFICIENT PACKET FRAMING IN A COMMUNICATION NETWORK

OWNER	APPLICATION NUMBER	DESCRIPTION
Entropic Communications, LLC	15/156739	METHOD AND APPARATUS FOR BAND SELECTION, SWITCHING AND DIPLEXING
Entropic Communications, LLC	15/161789	METHOD AND DEVICE FOR NOISE SUPPRESSION IN A DATA PROCESSING ARRANGEMENT
Entropic Communications, LLC	15/164496	METHOD AND SYSTEM FOR A WIDEBAND CMOS RMS POWER DETECTION SCHEME
Entropic Communications, LLC	15/164568	SYSTEMS AND METHODS FOR PROVIDING FAST VIDEO CHANNEL SWITCHING
MaxLinear, Inc.	15/185429	DUTY-CYCLED HIGH SPEED CLOCK AND DATA RECOVERY WITH FORWARD ERROR CORRECTION ASSIST
MaxLinear, Inc.	15/185487	HYBRID DIRECT-MODULATED/EEXTERNAL MODULATION OPTICAL TRANSCEIVER
Entropic Communications, LLC	15/202215	METHOD AND SYSTEM FOR CANCELLATION OF SPURIOUS SIGNALS
Entropic Communications, LLC	15/207254	METHOD AND APPARATUS FOR CANCELLATION OF INTERFERENCE FROM A SPREAD SPECTRUM PHASE LOCK LOOP
MaxLinear, Inc.	15/211897	MIXED-MODE MOCA NETWORK
Entropic Communications, LLC	15/218420	MANIPULATING SUB-PICTURES OF A COMPRESSED VIDEO SIGNAL
MaxLinear, Inc.	15/235271	REMOTE SECURE AUTOMATED SYSTEM RECOVER, DEBUG AND LOGGING
Entropic Communications, LLC	15/257582	SYSTEM AND METHOD FOR IQ IMBALANCE ESTIMATION
Entropic Communications, LLC	15/260563	DYNAMIC BIAS CONTROL

OWNER	APPLICATION NUMBER	DESCRIPTION
Entropic Communications, LLC	15/275180	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK
Entropic Communications, LLC	15/287076	METHOD AND APPARATUS FOR ADAPTIVE TRANSMIT POWER CONTROL
Entropic Communications, LLC	15/297888	VIDEO DECODER MEMORY BANDWIDTH COMPRESSION
Entropic Communications, LLC	15/303355	METHOD AND APPARATUS FOR ADAPTIVE AUTOMATIC GAIN CONTROL
Entropic Communications, LLC	15/312973	METHOD AND APPARATUS FOR SUPPORTING SUB NETWORKS IN A MOCA NETWORK
Entropic Communications, LLC	15/357182	SYSTEMS AND METHODS FOR SHARED ANALOG-TO-DIGITAL CONVERSION IN A COMMUNICATION SYSTEM
Entropic Communications, LLC	15/357709	SYSTEMS AND METHODS FOR FREQUENCY ERROR CORRECTIONS IN COMMUNICATION SYSTEM
Entropic Communications, LLC	15/370581	DEVICE, SYSTEM AND METHOD OF ACCESSING DATA STORED IN A MEMORY
Entropic Communications, LLC	15/395390	METHOD AND APPRATUS FOR CALIBRATION OF A TIME INTERLEAVED ADC
Entropic Communications, LLC	15/402846	METHOD AND SYSTEM FOR FREQUENCY GENERATION
Entropic Communications, LLC	15/425680	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES
Entropic Communications, LLC	15/426253	BROADBAND LOCAL AREA NETWORK
Entropic Communications, LLC	15/428519	SYSTEMS AND METHODS FOR CANCELLATION OF CROSS-COUPLED NOISE

OWNER	APPLICATION NUMBER	DESCRIPTION
Entropic Communications, LLC	15/430823	TRANSMIT ENERGY LEAKAGE CONTROL IN A RECEIVER
Entropic Communications, LLC	15/432422	METHOD AND APPARATUS FOR IMPLEMENTING TRAFFIC FLAGS FOR LARGE SERVICE GROUPS
Entropic Communications, LLC	15/449485	HIGH UNITY GAIN BANDWIDTH VOLTAGE REGULATION FOR INTEGRATED CIRCUITS
Entropic Communications, LLC	15/452121	TRANSMIT NOISE AND IMPEDANCE CHANGE MITIGATION IN WIRED COMMUNICATION SYSTEM
Entropic Communications, LLC	15/478791	SYSTEM COMPRISING NODES WITH ACTIVE AND PASSIVE PORTS
MaxLinear, Inc.	12/364,477	Short-Range Digital TV Modulator System for Personal Media Display
MaxLinear, Inc.	12/939,543	GPS Baseband Controller Architecture
MaxLinear, Inc.	13/041,256 (Abandoned)	Code Download and Firewall for Embedded Secure Application
MaxLinear, Inc.	14/158,698	ANALOG FRONT END CIRCUIT FOR CABLE AND WIRELESS SYSTEMS
MaxLinear, Inc.	14/187,191	TARGETED ADVERTISEMENT IN THE DIGITAL TELEVISION ENVIRONMENT
MaxLinear, Inc.	14/217,107	DUAL CONVERSION RECEIVER WITH PROGRAMMABLE INTERMEDIATE FREQUENCY AND CHANNEL SELECTION
MaxLinear, Inc.	14/284,044	GPS-ASSISTED SOURCE AND RECEIVER LOCATION ESTIMATION
MaxLinear, Inc.	14/332,284 (Abandoned)	AREA-OPTIMIZED ANALOG FILTER WITH BANDWIDTH CONTROL BY A QUANTIZED SCALING FUNCTION

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	14/457,526 (Abandoned)	Harmonic Rejection Mixer Architecture with Reduced Sensitivity to Gain and Phase Mismatches
MaxLinear, Inc.	14/521,362 (Abandoned)	Doppler Estimator for OFDM Systems
MaxLinear, Inc.	145/21,347 (Abandoned)	Wideband Personal-Radio Receiver
MaxLinear, Inc.	13/336451	METHOD AND APPARATUS FOR BROADBAND DATA CONVERSION
MaxLinear, Inc.	13/354640	SYSTEM AND METHOD FOR PROVIDING CONDITIONAL ACCESS IN A SATELLITE TELEVISION SYSTEM
MaxLinear, Inc.	13/366803	METHOD AND SYSTEM FOR A BASEBAND CROSS-BAR
MaxLinear, Inc.	13/485034	METHOD AND SYSTEM FOR SERVER-SIDE MESSAGE HANDLING IN A LOW-POWER WIDE AREA NETWORK
MaxLinear, Inc.	13/687626	METHOD AND SYSTEM FOR AN INTERNET PROTOCOL LNB SUPPORTING SENSORS
MaxLinear, Inc.	13/687676	METHOD AND SYSTEM FOR MONITORING, MANAGEMENT AND MAINTENANCE OF AN INTERNET PROTOCOL LNB
MaxLinear, Inc.	13/723897	METHOD AND SYSTEM FOR BROADBAND NEAR FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE
MaxLinear, Inc.	13/726994	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION (BNC) UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING CONCURRENT CHARGING AND COMMUNICATION
MaxLinear, Inc.	13/760253	METHOD AND SYSTEM FOR A DISTRIBUTED RECEIVER
MaxLinear, Inc.	13/762326	I/Q Calibration Techniques

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	13/768940	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING CONFIGURATION AND REGULATORY REQUIREMENTS
MaxLinear, Inc.	13/768982	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING PAIRING, CONTENT SHARING AND SECURITY
MaxLinear, Inc.	13/769004	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING RANGING
MaxLinear, Inc.	13/857755	METHOD AND SYSTEM FOR FULL SPECTRUM CAPTURE FOR TERRESTRIAL APPLICATIONS
MaxLinear, Inc.	13/857778	METHOD AND SYSTEM FOR FULL SPECTRUM CAPTURE SAMPLE RATE ADAPTATION
MaxLinear, Inc.	13/857805	METHOD AND SYSTEM FOR PROVIDING AN ANTENNA THAT IS OPTIMIZED FOR NEAR-FIELD-COMMUNICATION (NFC) AND REDUCES THE EFFECT OF FAR-FIELD-COMMUNICATION (FFC)
MaxLinear, Inc.	13/861575	METHOD AND SYSTEM FOR AIMING AND ALIGNING SELF-INSTALLED BROADCAST SIGNAL RECEIVERS
MaxLinear, Inc.	13/861982	METHOD AND SYSTEM FOR A MOBILE APPLICATION (APP) THAT ASSISTS WITH AIMING OR ALIGNING A SATELLITE DISH OR ANTENNA
MaxLinear, Inc.	13/906933	COMBINED TERRESTRIAL AND SATELLITE CONTENT FOR A SEAMLESS USER EXPERIENCE
MaxLinear, Inc.	13/933865	METHOD AND SYSTEM FOR IMPROVED CROSS POLARIZATION REJECTION AND TOLERATING COUPLING BETWEEN SATELLITE SIGNALS
MaxLinear, Inc.	13/937143	METHOD AND SYSTEM FOR DETECTING AND MITIGATING INTERFERENCE IN A CABLE NETWORK SYSTEM
MaxLinear, Inc.	14/012772	METHOD AND SYSTEM FOR POWER MANAGEMENT IN A NETWORK DEVICE BASED ON MULTI-PROTOCOL DETECTION
MaxLinear, Inc.	14/155120	METHOD AND SYSTEM FOR A MULTI-STANDARD RECEIVER

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	14/157028	SATELLITE RECEPTION ASSEMBLY WITH PHASED HORN ARRAY
MaxLinear, Inc.	14/157090	FREQUENCY SPREADING FOR HIGH-PERFORMANCE COMMUNICATIONS
MaxLinear, Inc.	14/157249	COMMUNICATIONS SYSTEMS AND METHODS
MaxLinear, Inc.	14/175143	CABLE DISTRIBUTION NETWORKS
MaxLinear, Inc.	14/244327	METHOD AND SYSTEM FOR A HIGH-DENSITY, LOW-COST, CMOS-COMPATIBLE MEMORY
MaxLinear, Inc.	14/245532	BANDWIDTH ALLOCATION FOR SHARED NETWORK INFRASTRUCTURE
MaxLinear, Inc.	14/245658	SATELLITE RECEPTION ASSEMBLY INSTALLATION AND MAINTENANCE
MaxLinear, Inc.	14/249003	STEERABLE MICROWAVE BACKHAUL TRANSCEIVER
MaxLinear, Inc.	14/249014	AUTOMATIC TWIST AND SWAY COMPENSATION IN A MICROWAVE BACKHAUL TRANSCEIVER
MaxLinear, Inc.	14/267706	HOT-SWAPPABLE HARDWARE FOR WIRELESS MICROWAVE LINKS
MaxLinear, Inc.	14/305417	OPTIMIZING BANDWIDTH UTILIZATION IN AN IN-HOME NETWORK
MaxLinear, Inc.	14/316194	METHOD AND SYSTEM FOR INTEGRATED STACKING FOR HANDLING CHANNEL STACKING OR BAND STACKING
MaxLinear, Inc.	14/332024	METHOD AND SYSTEM FOR PROVIDING REDUCED BANDWIDTH ACQUISTION LATENCY

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	14/335989	METHOD AND SYSTEM FOR BUFFER STATE BASED LOW POWER OPERATION IN A MOCA NETWORK
MaxLinear, Inc.	14/457100	METHOD AND SYSTEM FOR CROSS-PROTOCOL TIME SYNCHRONIZATION
MaxLinear, Inc.	14/492143	MICROWAVE BACKHAUL SYSTEM SUPPORTING MULTIPLE INSTALLATION CONFIGURATIONS
MaxLinear, Inc.	14/551737	METHOD AND SYSTEM FOR FULL SPECTRUM CAPTURE FOR SATELLITE AND TERRESTRIAL APPLICATIONS
MaxLinear, Inc.	14/586150	CHANNEL BONDING FOR ULTRA-HIGH DEFINITION VIDEO BACKGROUND
MaxLinear, Inc.	14/589019	METHOD AND APPARATUS FOR CONTENT PROTECTION AND BILLING FOR MOBILE DELIVERY OF SATELLITE CONTENT
MaxLinear, Inc.	14/595896	DYNAMICALLY CALIBRATED PRE-DISTORTION
MaxLinear, Inc.	14/602786	NETWORK DISCOVERY IN AN AUTOCONFIGURED BACKHAUL TRANSCEIVER
MaxLinear, Inc.	14/602809	AUTOCONFIGURED BACKHAUL TRANSCEIVER
MaxLinear, Inc.	14/603993	DYNAMIC BIASING OF POWER AMPLIFIERS
MaxLinear, Inc.	14/605430	FIRST-PERSON VIEWER FOR UNMANNED VEHICLES
MaxLinear, Inc.	14/616397	METHOD AND SYSTEM FOR RECEIVER CONFIGURATION BASED ON A PRIORI KNOWLEDGE OF NOISE
MaxLinear, Inc.	14/684602	METHOD AND SYSTEM FOR A SINGLE FREQUENCY NETWORK FOR BROADCASTING TO MOBILE DEVICES

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	14/687234	METHOD AND SYSTEM FOR ADAPTIVE GUARD INTERVAL (GI) COMBINING
MaxLinear, Inc.	14/695261	METHODS AND APPARATUS FOR INTELLIGENT POWER REDUCTION IN COMMUNICATIONS SYSTEMS
MaxLinear, Inc.	14/702915	MULTI-STANDARD COVERAGE MAP GENERATION
MaxLinear, Inc.	14/711057	METHOD AND SYSTEM FOR GUARD BAND DETECTION AND FREQUENCY OFFSET DETECTION
MaxLinear, Inc.	14/720637	GAIN PARTITIONING IN A RECEIVER
MaxLinear, Inc.	14/739659	METHOD AND SYSTEM FOR REPURPOSING OF A GLOBAL NAVIGATION SATELLITE SYSTEM RECEIVER FOR RECEIVING LOW-EARTH ORBIT COMMUNICATION SATELLITE SIGNALS
MaxLinear, Inc.	14/792943	MODULAR, EXPANDABLE SYSTEM FOR DATA RECEPTION AND DISTRIBUTION
MaxLinear, Inc.	14/839201	METHOD AND SYSTEM FOR WIFI ACCESS POINT UTILIZING FULL SPECTRUM CAPTURE (FSC)
MaxLinear, Inc.	14/840157	SYSTEM AND METHOD FOR CONDITIONAL ACCESS IN AN IN-HOME NETWORK BASED ON MULTI-NETWORK COMMUNICATION
MaxLinear, Inc.	14/871169	METHOD AND SYSTEM FOR IMPAIRMENT SHIFTING
MaxLinear, Inc.	14/871572	METHOD AND SYSTEM FOR INDOOR GLOBAL NAVIGATION SATELLITE SYSTEM DETECTION UTILIZING LOW-EARTH ORBIT SATELLITE SIGNALS
MaxLinear, Inc.	14/874992	DYNAMIC RANDOM ACCESS MEMORY FOR COMMUNICATIONS SYSTEMS
MaxLinear, Inc.	14/881654	METHOD AND SYSTEM FOR RECONFIGURABLE TIME-INTERLEAVED ADC FOR DIRECT CONVERSION K-BAND AND L-BAND I/Q

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	14/882105	USING DECISION FEEDBACK PHASE ERROR CORRECTION
MaxLinear, Inc.	14/918793	PHASE NOISE SUPPRESSION
MaxLinear, Inc.	14/931103	TRANSCEIVER ARRAY
MaxLinear, Inc.	14/937500	METHOD AND SYSTEM FOR I/Q MISMATCH CALIBRATION AND COMPENSATION FOR WIDEBAND COMMUNICATION RECEIVERS
MaxLinear, Inc.	14/939455	METHOD AND SYSTEM FOR GLOBAL NAVIGATION SATELLITE SYSTEM CONFIGURATION OF WIRELESS COMMUNICATION APPLICATIONS
MaxLinear, Inc.	14/939473	METHOD AND SYSTEM FOR AN ANALOG-TO-DIGITAL CONVERTER WITH NEAR-CONSTANT COMMON MODE VOLTAGE
MaxLinear, Inc.	14/944573	METHOD AND SYSTEM FOR INTERFERENCE AVOIDANCE IN A MULTI-PROTOCOL COMMUNICATION SYSTEM
MaxLinear, Inc.	14/948881	WIDEBAND TUNER ARCHITECTURE
MaxLinear, Inc.	14/948907	WIDEBAND TUNER ARCHITECTURE
MaxLinear, Inc.	14/948947	METHOD AND APPARATUS FOR SPECTRUM MONITORING
MaxLinear, Inc.	14/949235	SYSTEM AND METHOD IN A BROADBAND RECEIVER FOR EFFICIENTLY RECEIVING AND PROCESSING SIGNALS
MaxLinear, Inc.	14/950865	METHOD AND SYSTEM FOR IMPROVED MATCHING FOR ON-CHIP CAPACITORS
MaxLinear, Inc.	14/967653	EFFICIENT MEMORY ARCHITECTURE FOR LOW DENSITY PARITY CHECK DECODING

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	14/976529	OUTDOOR UNIT RESONATOR CORRECTION
MaxLinear, Inc.	14/979825	ADVANCED FIBER NODE
MaxLinear, Inc.	15/006337	FLEXIBLE CHANNEL STACKING
MaxLinear, Inc.	15/012313	METHOD AND SYSTEM FOR BROADBAND ANALOG TO DIGITAL CONVERTER TECHNOLOGY
MaxLinear, Inc.	15/012494	METHOD AND SYSTEM FOR LOCATION DETERMINATION AND NAVIGATION USING TEXTUAL INFORMATION
MaxLinear, Inc.	15/016700	SATELLITE COMMUNICATIONS SYSTEM USING TRANSCEIVER ARRAYS
MaxLinear, Inc.	15/019387	METHOD AND SYSTEM FOR A SINGLE FREQUENCY NETWORK FOR BROADCASTING TO MOBILE DEVICES
MaxLinear, Inc.	15/044563	METHOD AND SYSTEM FOR PROVIDING A HOME CABLE NETWORK
MaxLinear, Inc.	15/051327	METHOD AND SYSTEM FOR MAP GENERATION FOR LOCATION AND NAVIGATION WITH USER SHARING/SOCIAL NETWORKING
MaxLinear, Inc.	15/075258	METHOD AND SYSTEM FOR SERIALIZATION AND DESERIALIZATION (SERDES) FOR INTER-SYSTEM COMMUNICATIONS
MaxLinear, Inc.	15/076920	METHOD AND SYSTEM FOR GAIN CONTROL FOR TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTOR (ADC)
MaxLinear, Inc.	15/078601	LOW-POWER ASYNCHRONOUS DATA LINK
MaxLinear, Inc.	15/079862	ALIASING ENHANCED OFDM COMMUNICATIONS

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	15/082989	SYSTEM AND METHOD FOR LOW-POWER DIGITAL SIGNAL PROCESSING
MaxLinear, Inc.	15/089760	METHOD AND SYSTEM FOR CACHING CONTENT FOR MOBILE DISTRIBUTION
MaxLinear, Inc.	15/130602	DIGITAL-TO-ANALOG CONVERTER (DAC) WITH PARTIAL CONSTANT SWITCHING
MaxLinear, Inc.	15/130617	DIGITAL-TO-ANALOG CONVERTER (DAC) WITH ENHANCED DYNAMIC ELEMENT MATCHING (DEM) AND CALIBRATION
MaxLinear, Inc.	15/130636	DIGITAL-TO-ANALOG CONVERTER (DAC) WITH DIGITAL OFFSET
MaxLinear, Inc.	15/131676	HIGH-SPEED, LOW-POWER OPTICAL COMMUNICATIONS
MaxLinear, Inc.	15/140599	METHOD AND SYSTEM FOR CREST FACTOR REDUCTION
MaxLinear, Inc.	15/142926	MULTISTATIC RADAR VIA AN ARRAY OF MULTIFUNCTIONAL AUTOMOTIVE TRANSCEIVERS
MaxLinear, Inc.	15/142935	MULTIFUNCTIONAL AUTOMOTIVE RADAR
MaxLinear, Inc.	15/149827	SUCCESSIVE APPROXIMATION REGISTER ANALOG-TO-DIGITAL CONVERTER
MaxLinear, Inc.	15/150669	SCALABLE ARCHITECTURE FOR AN AUTOMOTIVE RADAR SYSTEM
MaxLinear, Inc.	15/150821	DYNAMIC OFDM SYMBOL SHAPING FOR RADAR APPLICATIONS
MaxLinear, Inc.	15/150831	CALIBRATION OF A MULTIFUNCTIONAL AUTOMOTIVE RADAR SYSTEM

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	15/154451	METHOD AND SYSTEM FOR WINDING TRANSFORMERS TO MAXIMIZE SYMMETRY OF THE PRIMARY AND SECONDARY COILS
MaxLinear, Inc.	15/155102	HARMONIC REJECT RECEIVER ARCHITECTURE AND MIXER
MaxLinear, Inc.	15/160496	METHODS AND SYSTEMS FOR CASCADED PHASE-LOCKED LOOPS (PLLS)
MaxLinear, Inc.	15/164534	TRANSMIT OPTICAL SUB-ASSEMBLY WITH LOCAL FEEDBACK
MaxLinear, Inc.	15/165816	METHOD AND SYSTEM FOR HYBRID RADIO FREQUENCY DIGITAL BEAMFORMING
MaxLinear, Inc.	15/167539	COOPERATIVE AND CROWD-SOURCED MULTIFUCTIONAL AUTOMOTIVE RADAR
MaxLinear, Inc.	15/172188	COORDINATED ACCESS AND BACKHAUL NETWORKS
MaxLinear, Inc.	15/177018	JITTER IMPROVEMENT IN SERIALIZER-DESERIALIZER (SERDES) TRANSMITTERS
MaxLinear, Inc.	15/177045	CRYSTAL (XTAL) OSCILLATOR WITH INTERFERENCE IMMUNITY
MaxLinear, Inc.	15/180754	RECEIVE NONLINEARITY ESTIMATION AND CANCELLATION
MaxLinear, Inc.	15/189758	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION (BNC) UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING BRIDGING ACROSS WALL
MaxLinear, Inc.	15/200109	METHOD AND SYSTEM FOR POWER MANAGEMENT IN A FREQUENCY DIVISION MULTIPLEXED NETWORK
MaxLinear, Inc.	15/200598	PAPR REDUCTION IN A MICROWAVE BACKHAUL OUTDOOR UNIT

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	15/205962	TIME AND FREQUENCY ALLOCATION FOR CONCURRENT COMMUNICATIONS ON A SHARED COAXIAL CABLE
MaxLinear, Inc.	15/206049	SPECTRUM ABSTRACTION FOR A SHARED COAXIAL CABLE NETWORK
MaxLinear, Inc.	15/206438	METHOD AND SYSTEM FOR A MESH NETWORK OF SATELLITE RECEPTION ASSEMBLIES
MaxLinear, Inc.	15/207085	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL COMMUNICATION SYSTEMS
MaxLinear, Inc.	15/208544	APPARATUS & METHODS FOR SYMBOL TIMING ERROR DETECTION, TRACKING AND CORRECTION
MaxLinear, Inc.	15/211388	METHOD AND SYSTEM FOR MOBILE DELIVERY OF BROADCAST CONTENT
MaxLinear, Inc.	15/212994	METHOD AND SYSTEM FOR AN ANALOG CROSSBAR ARCHITECTURE
MaxLinear, Inc.	15/213731	LOCALIZED DYNAMIC ELEMENT MATCHING AND DYNAMIC NOISE SCALING IN DIGITAL-TO-ANALOG CONVERTERS (DACS)
MaxLinear, Inc.	15/218586	DYNAMIC POWER SWITCHING IN CURRENT-STEERING DACS
MaxLinear, Inc.	15/224530	METHOD AND SYSTEM FOR A MULTI-CORE MULTI-MODE VOLTAGE-CONTROLLED-OSCILLATOR (VCO)
MaxLinear, Inc.	15/228430	BAND-LIMIITED DIGITAL PRE-DISTORTION (DPD) EXPANSION ESTIMATION AND CURVE ADJUSTMENT
MaxLinear, Inc.	15/230735	METHOD AND SYSTEM FOR ASYNCHRONOUS SUCCESSIVE APPROXIMATION REGISTER (SAR) ANALOG-TO-DIGITAL CONVERTERS (ADCS)
MaxLinear, Inc.	15/232056	METHOD AND SYSTEM FOR A PSEUDO-DIFFERENTIAL LOW-NOISE AMPLIFIER AT KU-BAND

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	15/236369	METHOD AND SYSTEM FOR A SAMPLED LOOP FILTER IN A PHASE LOCKED LOOP (PLL)
MaxLinear, Inc.	15/236372	METHOD AND SYSTEM FOR A DISTRIBUTED TRANSMISSION LINE MULTIPLEXER FOR A MULTI-CORE MULTI-MODE VOLTAGE-CONTROLLED OSCILLATOR (VCO)
MaxLinear, Inc.	15/238056	SUCCESSIVE APPROXIMATION ANALOG-TO-DIGITAL CONVERTER (ADC) WITH DYNAMIC SEARCH ALGORITHM
MaxLinear, Inc.	15/238808	INTERFERENCE SUPPRESSION FOR ARRAY-BASED COMMUNICATIONS
MaxLinear, Inc.	15/238830	PER-ELEMENT POWER CONTROL FOR ARRAY BASED COMMUNICATIONS
MaxLinear, Inc.	15/238862	INTERLEAVED MULTI-BAND ANTENNA ARRAYS
MaxLinear, Inc.	15/238877	TRANSCEIVER ARRAY SYNCHRONIZATION
MaxLinear, Inc.	15/244674	METHOD AND SYSTEM FOR A LOW-POWER CLIENT IN A WIDE AREA NETWORK
MaxLinear, Inc.	15/251094	METHOD AND SYSTEM FOR A DUAL MODE GLOBAL NAVIGATION SATELLITE SYSTEM
MaxLinear, Inc.	15/251349	LOW-COMPLEXITY DIVERSITY RECEPTION
MaxLinear, Inc.	15/257135	PEAK TO AVERAGE POWER RATIO SUPRESSION
MaxLinear, Inc.	15/264060	METHOD AND APPARATUS FOR BAND SEPARATION FOR MULTIBAND COMMUNICATION SYSTEMS
MaxLinear, Inc.	15/270477	MODULAR MICROWAVE BACKHAUL OUTDOOR UNIT

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	15/272060	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION
MaxLinear, Inc.	15/277375	METHOD AND SYSTEM FOR PRECISE TEMPERATURE AND TIMEBASE PPM ERROR ESTIMATION USING MULTIPLE TIMEBASES
MaxLinear, Inc.	15/279653	FEEDBACK-BASED CONFIGURATION OF A HYBRID FIBER-COAXIAL NETWORK
MaxLinear, Inc.	15/285122	DETECTION AND COMPENSATION OF DIELECTRIC RESONATOR OSCILLATOR FREQUENCY DRIFT
MaxLinear, Inc.	15/297595	CONFIGURABLE, HIGHLY-INTEGRATED SATELLITE RECEIVER
MaxLinear, Inc.	15/297963	INTERFERENCE CANCELLATION IN MICROWAVE BACKHAUL SYSTEMS
MaxLinear, Inc.	15/341877	METHOD AND APPARATUS FOR PROVIDING CONDITIONAL ACCESS BASED ON CHANNEL CHARACTERISTICS
MaxLinear, Inc.	15/346447	METHOD AND SYSTEM FOR POWER OPTIMIZATION FOR A GLOBAL NAVIGATION SATELLITE SYSTEM
MaxLinear, Inc.	15/354665	MULTI-MODE FIBER NODE
MaxLinear, Inc.	15/355220	EFFICIENT MULTI-POLARIZATION COMMUNICATIONS
MaxLinear, Inc.	15/358473	LOW-POWER LOW DENSITY PARITY CHECK DECODING
MaxLinear, Inc.	15/363762	REFERENCE-FREQUENCY-INSENSITIVE PHASE LOCKED LOOP
MaxLinear, Inc.	15/364577	MULTI-ZONE DATA CONVERTERS

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	15/380207	POWERING MULTIMEDIA OVER COAX ALLIANCE (MOCA) DEVICES AND CABLE MODEMS
MaxLinear, Inc.	15/388756	LOOP-THROUGH FOR MULTI-CHIP COMMUNICATION SYSTEMS
MaxLinear, Inc.	15/388765	REMOTE SPECTRUM ANALYSIS OF TRANSMIT BANDS IN COMMINICATIONS SYSTEMS
MaxLinear, Inc.	15/390900	METHOD AND SYSTEM FOR DIVERSITY COMBINING FOR HIGH-PERFORMANCE SIGNAL RECEPTION
MaxLinear, Inc.	15/391105	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING SCREEN AND APPLICATION SHARING
MaxLinear, Inc.	15/392421	NON-COHERENT MULTI-SYMBOL-DELAY DIFFERENTIAL DETECTOR
MaxLinear, Inc.	15/393619	METHOD AND SYSTEM FOR ASYNCHRONOUS SUCCESSIVE APPROXIMATION ANALOG-TO-DIGITAL CONVERTER (ADC) ARCHITECTURE
MaxLinear, Inc.	15/395586	METHOD AND SYSTEM FOR CHARGE COMPENSATION FOR SWITCHED CAPACITOR CIRCUITS
MaxLinear, Inc.	15/400666	METHOD AND APPARATUS FOR AN ENERGY-EFFICIENT RECEIVER
MaxLinear, Inc.	15/401275	SPATIAL ROUTING AMONG MICROWAVE BACKHAUL TRANSCEIVERS
MaxLinear, Inc.	15/402691	METHOD AND SYSTEM FOR TUNABLE UPSTREAM BANDWIDTH UTILIZING AN INTEGRATED MULTIPLEXING DEVICE
MaxLinear, Inc.	15/407424	NOISE SUPPRESSION IN A HYBRID FIBER COAXIAL NETWORK
MaxLinear, Inc.	15/407429	MILLIMETER WAVE SPATIAL CROSSBAR FOR A MILLIMETER-WAVE-CONNECTED DATA CENTER

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	15/419063	MULTI-LAYER TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTOR (ADC)
MaxLinear, Inc.	15/420530	METHOD AND SYSTEM FOR A WIDE-BANDWIDTH, ON-PREMISES NETWORK
MaxLinear, Inc.	15/423293	ADAPTIVE INTER-FRAME GAP REDUCTION IN MULTIMEDIA OVER COAX ALLIANCE (MOCA) NETWORKS
MaxLinear, Inc.	15/425115	PEAK TO AVERAGE POWER RATIO REDUCTION IN MULTICHANNEL DIGITAL FRONT-ENDS (DFES)
MaxLinear, Inc.	15/426382	METHOD AND SYSTEM FOR MULTI-PATH VIDEO AND NETWORK CHANNELS
MaxLinear, Inc.	15/434673	METHOD AND SYSTEM FOR SERVICE GROUP MANAGEMENT IN A CABLE NETWORK
MaxLinear, Inc.	15/434715	METHOD AND APPARATUS FOR MEMORY POWER AND/OR AREA REDUCTION
MaxLinear, Inc.	15/436074	METHOD AND APPARATUS FOR COMMUNICATING ELECTRONIC SERVICE GUIDE INFORMATION IN A SATELLITE TELEVISION SYSTEM
MaxLinear, Inc.	15/436088	METHOD AND SYSTEM FOR TIME INTERLEAVED ANALOG-TO-DIGITAL CONVERTER TIMING MISMATCH ESTIMATION AND COMPENSATION
MaxLinear, Inc.	15/444648	METHOD AND SYSTEM FOR A HIGH CAPACITY CABLE NETWORK
MaxLinear, Inc.	15/444662	METHOD AND SYSTEM FOR RELIABLE BOOTSTRAPPING SWITCHES
MaxLinear, Inc.	15/459639	METHODS AND SYSTEMS FOR PARALLEL COLUMN TWIST INTERLEAVER
MaxLinear, Inc.	15/464912	CHANNEL-SENSITIVE POWER CONTROL

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	15/478397	SUCCESSIVE-APPROXIMATION REGISTER (SAR) ANALOG-TO-DIGITAL CONVERTER (ADC) WITH ULTRA LOW BURST ERROR RATE
MaxLinear, Inc.	15/478898	PHASE NOISE SUPPRESSION
MaxLinear, Inc.	15/479941	COORDINATED ACCESS AND BACKHAUL NETWORKS
MaxLinear, Inc.	15/480192	STEERABLE MICROWAVE BACKHAUL TRANSCEIVER
MaxLinear, Inc.	15/478713	CLOCKING SCHEME IN SAMPLED NON-LINEAR SYSTEMS FOR DISTORTION IMPROVEMENT
MaxLinear, Inc.	62/257522	LAYERED CROSS-POLARIZATION INTERFERENCE SUPPRESSION
MaxLinear, Inc.	62/257671	EFFICIENT MULTI-POLARIZATION COMMUNICATIONS
MaxLinear, Inc.	62/258660	ADJACENT ANGLE LEAKAGE SUPPRESSION
MaxLinear, Inc.	62/290264	ADAPTIVE INTER-FRAME GAP REDUCTION IN MULTIMEDIA OVER COAX ALLIANCE (MOCA) NETWORKS
MaxLinear, Inc.	62/359908	METHOD AND SYSTEM FOR FREQUENCY MULTIPLEXER
MaxLinear, Inc.	62/359932	METHOD AND SYSTEM FOR LDPC DECODING
MaxLinear, Inc.	62/363611	METHOD AND SYSTEM FOR HIGH FREQUENCY SIGNAL SELECTION
MaxLinear, Inc.	62/363627	METHOD AND SYSTEM FOR FILTERING IN A FRAC-N PLL

OWNER	APPLICATION NUMBER	DESCRIPTION
MaxLinear, Inc.	62/444111	METHOD AND SYSTEM FOR ELECTRO-ABSORPTION MODULATOR DRIVERS IN CMOS
MaxLinear, Inc.	62/477622	FULL DUPLEX DOCSIS CABLE MODEM ECHO CANCELLATION WITH TRAINING
MaxLinear, Inc.	PCT/US2012/040738	MULTI-LAYER TIME-INTERLEAVED ADC
MaxLinear, Inc.	PCT/US2013/020080	METHOD AND SYSTEM FOR BROADBAND ANALOG TO DIGITAL CONVERTER TECHNOLOGY
MaxLinear, Inc.	PCT/US2013/024974	METHOD AND SYSTEM FOR MONITORING, MANAGEMENT AND MAINTENANCE OF AN INTERNET PROTOCOL LNB
MaxLinear, Inc.	PCT/US2013/035503	METHOD AND SYSTEM FOR FULL SPECTRUM CAPTURE FOR TERRESTRIAL APPLICATIONS
MaxLinear, Inc.	PCT/US2013/036379	METHOD AND SYSTEM FOR WIFI COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC)
MaxLinear, Inc.	PCT/US2013/050056	METHOD AND SYSTEM FOR GAIN CONTROL FOR TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTOR (ADC)